

Release Version v2.13.0 (2013/05/27)

Modules:

Device Pack v 2.13.0

Supported Systems:

Mainconsole v 4.1.0 and above
NVRmini 2 v 1.5.0 and above
NVRsolo v 1.0.0 and above
Titan NVR v 1.3.0 and above

New Camera Supported:

ACTi D22, D62, E13, E22, E23, E24, E26, E33, E34, E43, E44, E45, E46, E54, E63, E64, E65, E67, E73, E74, E83, E84, E85, E86 and E87

Arecont AV3146 and AV3256

Centrix Generic

CNB ISMC1063P

DigitalWatchdog MD421TIR

Dlink DCS-942L

Dynacolor Generic

Everfocus EDN 1220, EDN 1320, EMN 2220, EPN 4220

Fine ACM-B3000 and ACM-R3006, CDV-5VM501 and TCP-VM559

Guardeon GDN-D3200IR, GDN-D3200V, GDN-F1300V, GDN-H1300IR and GDN- H3200IR

Network Camera C3000 and C3000-W

JVC VN-T16, VN-T216, VN-H657U and VN-H657WPU

Techson TC-IP213WS

UDP IPN100HD, IPN1202HD, IPN2102HD, IPN302HD, IPN3102HD, IPN3202HD, IPN3502HD, IPN3502HD, IPN3502HDIR, IPN6602HD, IPN6802HD, IPX3302HD, IPX3702HD, IPX4202HD and IPX4602HD

Vivotek IP8152

Zavio D7320

FW upgrade:

Eneo GXC-1710M (upgrade to FW 2.11)

Notice:

1. Known issue:
 - a. ACTi For D and E series camera:
 1. NUUO recommend customers use CLOSE network environment as ACTi may shut down and restart automatically in some complex network environment.
 2. ACTi will continue to figure out the reason and help to solve this issue.
 3. The audio stream of E13 unstable sometimes, even though in VLC and web.
 - b. Centrix Generic model:
 1. The bitrate of dual stream cannot come to 500kbps when main stream setting is MJPEG and CIF.
 2. Parameter setting will fail when enable multi-stream and resolution higher than 1080p.
 3. Camera firmware must be cx20130506NSA or above then can use generic model.
 - c. DynaColor Generic model:
 1. Parameter setting will fail when enable multi-stream and resolution higher than 1080p.
 2. Camera firmware must be z120130417NSA or above then can use generic model.
 - d. Fine CDV-5VM501 not support UPnP search by camera firmware issue.
 - e. NetworkCamera C3000 and C3000-W not support UPnP search by camera firmware issue.
 - f. TC-IP213WS:
 1. Can not trigger motion alarm under H.264 1fps.
 2. Can not search camera by UPnP when change http port except 80.
 3. H.264 fps may not enough under TCP connection in high quality and frame rate settings.
 - g. Digital Watchdog MD421TIR
 1. Not support Zoom, Focus, Talk and VideoParamSetting(MainConsole only)
 2. Not support dual stream when select single stream for ONVIF setting at webpage.
 3. Setting frame rate to 0 did not work.
 4. MJPEG with resolution 320x240 is invalid.
 5. Quality value is not synchronized with webpage.

6. There are two port settings on camera web, web port and service port. When NUUO product and camera are located in the same network, you can use this web port as configuring port on NUUO product. If NUUO product and camera are located in different network, you must choose service port. Or "go to web" function on NUUO product setting page might direct to the wrong URL.

- h. CNB ISMC1063P
 1. Not support audio codec G.726 when using TCP connection.

- i. Arecont AV3146DN-3310-D and AV3256PM
 1. The streaming has low FPS under high quality.

- j. JVC VN-H657U
 1. Firmware Issue: MJPEG video stream is unstable over high resolutions such as 1920X1080, 1280x720.

- k. JVC VN-T16U
 1. Firmware Issue: MJPEG video stream is unstable over high resolutions such as 1920X1080, 1280x720.
 2. Firmware Issue: The Encoder parameters may not sync camera web.

- l. JVC VN-H57
 1. Firmware Issue: MJPEG video stream is unstable over high resolutions.

- m. JVC VN-H137
 1. Firmware Issue: H264 video stream is unstable over low frame rate.

- n. Zavio D7320
 1. Talk function cannot work due to firmware issue.
 2. When change the HTTP port from 80 into 8080, camera send IP address which including parentheses, such as [192.168.1.66].
 3. When setting highest video setting with H.264, the fps could not reach up to 20.

- o. UDP
 1. When used UPnP search, if changes the HTTP port from default 80 into 8080 and reboot the camera, it does not carry any port information with reply message.
 2. IPN3502HD

- i. When setting highest video setting in main stream, the second stream will unstable and cannot work both in H.264 and MJPEG.
- 3. IPX4202HD
 - i. cgi load failure: #402
 - ii. Audio with choppy in higher video setting
 - iii. Motion detection cannot disable once it trigger
 - iv. Unstable stream with highest video setting, sometimes does not work.

- p. EverFocus EDN1220, EDN1320, EMN2220 and EPN4220
 - 1. Not support MPEG4.
 - 2. Can not switch CBR/VBR and only support VBR.
 - 3. EDN1320 no support 720x480, 704x480 and 640x480 resolution.

- q. Vivotek IP8152
 - 1. CGI returns a wrong PTZ capability.

Bug fixed:

Mainconsole:

- 1. Hikvision 8254: support third stream, preset function can not synchronize with Mainconsole.
- 2. Hikvision DS-6716HWI: Can not connect the camera except channel 1(Generic).
- 3. Grandstream GXV3501: Remove "Clean All" Button from Add Preset Point.

NVRmini 2:

- 1. Hikvision 8254: Preset function can not synchronize with NVRmini2.
- 2. Hikvision DS-6716HWI: Can not connect the camera except channel 1(Generic).

Titan NVR:

- 1. Hikvision 8254: Preset function can't synchronize with Titan NVR.
- 2. Hikvision DS-6716HWI: Can not connect the camera except channel 1(Generic).

NVRSolo:

- 1. Yodor YUC-H626: Can not auto detect this model.

Release Version v2.12.0 (2013/04/29)

Modules:

Device Pack v 2.12.0

Supported Systems:

Mainconsole v 4.1.0 and above
NVRmini 2 v 1.5.0 and above
NVRsolo v 1.0.0 and above
Titan NVR v 1.3.0 and above

New Camera Supported:

ACTi D11, D12, D21, D31, D32, D41, D42, D51, D52, D54, D55, D64, D65, D71, D72, D81, D82, E11, E12, E21, E31, E32, E41, E42, E51, E52, E53, E55, E56, E61, E62, E71, E72, E81, E82, E91 and E92

Axis M3007 (fisheye camera)

CNB IBP5030CR, IDC4050F, IDC4050IR, IDC4050VF, IDC4050VR, IDP4030VR, IDP5035VR, IGC2050F, IGP1030, IGP2035F, ISS4032Z28W, IVC5055VR, IVP4030VR, IVP5035VR, IXC2050IR, IXP3035VR, NGE2055F, NXE3055VR, NXE3055MR, NDE5055MF, NVE5055VR, NVE5055MF and NDE5055VR

Dahua IPC-HDBW3101, IPC-HDB3101 and IPC-HFW3101C

Dlink DCS-2332L, DCS-3715, DCS-3716, DCS-6010L (fisheye camera), DCS-6616, DCS-6817B1, DCS-6915 and DCS-7513

Etrovision EV8180A, EV8580A, EV8581A, EV8780A, EV8781A and EV8782A

Fine ACM-V3002

Hikvision DS-2CD2012-I, DS-2CD2112-(I), DS-2CD2212-I5 and DS-2CD2312-I

i-Mege B3210E, G2212E, G2213E, G2214H, G3211E, N3211E and V2211E

Network Camera 3MP_BOX, 3MP_FD, 3MP_IR and 3MP_VD

On Electronics CFB-10MP (IP+ only), CFB-13MP, CFB-20MP, CFB-30MP, CFV-20MP/LIR35 (IP+ only), CFV-13MP/LIR35, MDV-10MP (IP+ only), MDV-20MP, MDV-20MP-AV (IP+ only), MDV-30MP, MDV-30MP-AV (IP+ only), MDV-13MP/LIR20 (NAS only)

Planet ICA-H652-PA-220

Saerim SR-IDC4050IR, SR-IDC4050VR, SR-IDC4050F, SR-IGC2050F, SR-IVC5055VR, SR-IDC4050VF, SR-IXC2050IR, SR-IGP2035F, SR-IDP4030VR, SR-IXP3035VR, SR-ISS4032Z28W, SR-IVP4030VR, SR-NGE2055F, SR-NXE3055VR, SR-NXE3055MR, SR-NDE5055VR, SR-NDE5055MF,

Sunell	SR-NVE5055VR, SR-NVE5055MF SN-IPV54/31UDN, SN-IPC54/31EDN, SN-IPR54/31AKDN, SN-IPR54/31APDN SN-IPD54/31VDN, SN-IPD54/31VDR, SN-IPV54/31ZDR, SN-IPV54/31UDR, SN-IPC54/14EDN, SN-IPR54/14AKDN, SN-IPR54/14APDN, SN-IPD54/14VDN, SN-IPD54/14VDR, SN-IPV54/14ZDR and SN-IPV54/14UDR
Vivotek	PD8136
Zavio	D5210 and D7210

FW upgrade:

BOSCH	NTC-265-PI and NDN-265-PIO (upgrade to FW 5.70.0311)
Levelone	WCS-6020 (upgrade to FW 1.1.4.1) and WCS-6050 (upgrade to FW 1.0.4.2)
Santec	SNC-3302, SNC-3305, SNC-5312IR, SNC-5315IR, SNC-6202, SNC-6212IR, SNC-6302, SNC-6312IRH and SNC-6315IRH (upgrade to FW 1.0.2.332)
Samsung	SND-5010, SNB-5001, SND-5011, SND-5061, SNB-7001, SNB-7002, SND-7011, SND-7061, SND-7082 and SNV-7082 add bitrate option on H.264 3072/5120/6144/7168/9216/11264/12288/13312/14336

Notice:

2. Known issue:
 - r. ACTi For D and E series camera:
 1. NUUO recommend customers use CLOSE network environment as ACTi may shut down and restart automatically in some complex network environment.
 2. ACTi will continue to figure out the reason and help to solve this issue..
 - s. iMege G2212E : If http port does not 80, UPnP search will fail.
 - t. LevelOne WCS-6020, WCS-6050
 1. When select high resolution, camera's frame rate will less than 30fps.
 2. PTZ Home will stop when disable the home button at titan.
 3. Image broken at high resolution.
 4. Not support AAC codec.
 - u. D-Link
 1. DCS-3715

- i. Sometimes video setting can't get the correct parameters. Camera web setting is very unstable and got slowly respond, especially in higher video parameter
 - ii. When 1920x1080, 25 fps, and 8M bitrate, will get incorrect parameter or long respond time
 - iii. cgi respond slowly.
 - 2. DCS-6817B1
 - i. PTZ Autopan does not work
 - ii. When enable mic only, the camera does not send any audio package.
 - 3. DCS-6915
 - i. Not support talk
 - 4. DCS-2332L
 - i. In H.264 format, setting 1 fps and under 512kbps with max resolution cause unstable connection.
- v. Dahua
 - 1. IPC-HDBW3101, IPC-HDB3101 and IPC-HFW3101C
 - i. FW issue, bit rate range is different between camera web and response to cgi.
- w. Hikvision
 - 1. DS-2CD2012-I
 - i. DS-2CD2012-I FW issue: not support PTZ function but web setting can enable this option.
- x. Planet
 - 1. ICA-H652-PA-220
 - i. Camera response slow.
 - ii. IO trigger time will delay about 3 secs.
 - iii. Audio has some noise in web site.
- y. Santec
 - 1. SNC-6302, SNC-3305, SNC-63115IRH
 - i. M-JPEG on high resolution and quality may not get parameter.
 - ii. Audio has some noise in high resolution.
- z. Sunell SN-IPV54/31UDN:
 - 1. FW issue: Camera will reboot when MJPEG 2048x1536, 1920x1080 and quality 9.
- aa. Bosch NDN-265-PIO:
 - 1. It can't set resolution below 1280x720 when stream2 property set to "Copy Stream 1".
 - 2. When H.264 quality is set to "0", the camera will Auto-adjust the quality setting. For minimum quality, the value should be "100".
 - 3. Audio AAC can't work due to NUUO platform issues.
- bb. Etrovision EV8180A, EV8580A, EV8581A, EV8780A, EV8781A and EV8782A

1. Not support Talk.
 2. With four profiles mode only support resolution 640x480. (camera limitation)
 3. Not support MPEG4 in NVRmini 2/NVRsolo/TitanNVR.
 4. Motion Detection only works on H.264.
 5. It needs to reboot after changing HTTP port.
- cc. Fine ACM-B3000, ACM-V3001, ACM-V3002, ACM-R3002
1. MJPEG only support when MPEG4/H264's resolution is lower than 1280x720 in Mainconsole.
- dd. CNB
1. IGC2050F, IDC4050F, IDC4050IR, IDC4050VF, IDC4050VR, IVC5055VR and IXC2050IR
 - i. FW issue: cannot set bitrate 128kbps when the resolution is D1 or VGA.
 - ii. When selects MJPEG, 1fps, the actually received fps is 6.
 2. IGP1030, IBP5030CR, IVP4030VR and IDP4030VR
 - i. In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.
 3. IGP2035F, IDP5035VR, ISS4032Z28W, IVP5035VR, IXP3035VR
 - i. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.
 4. NGE2055F, NDE5055MF, NDE5055VR, NVE5055MF, NVE5055VR NXE3055MR, and NXE3055VR
 - i. Not support UDP connection.
 - ii. Video connection cannot establish when the setting of bitrate is 9M or 10M.
- ee. Saerim
1. SR-IGC2050F, SR-IDC4050F, SR-IDC4050IR, SR-IDC4050VF, SR-IDC4050VR, SR-IVC5055VR and SR-IXC2050IR
 - i. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.
 - ii. When it selects MJPEG, 1fps, the actually received fps is 6.
 2. SR-IGP2035F, SR-IDP4030VR, SR-ISS4032Z28W, SR-IVP4030VR, and SR-IXP3035VR
 - i. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.
 3. SR-NGE2055F, SR-NDE5055MF, SR-NDE5055VR, SR-NVE5055MF, SR-NVE5055VR, SR-NXE3055MR, and SR-NXE3055VR
 - i. Not support UDP connection.
 - ii. Video connection cannot establish when the setting of bitrate is 9M or 10M.
- ff. Zavio D5210 and D7210
1. The audio function of AMR7.95 cannot work.
 2. The talk function with AMR codec cannot work.

3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It is the limitation of hardware.

Bug fixed:

Mainconsole:

4. Forenix_ACDV-3VM501: can't not choose h264 video format, cause by auto detect incorrect vendor and model name in DP 2.7 and behind, solve by add model name in corresponding function.
5. Samsung SPE-100: Incorrect maximum fps support.

NVRmini 2:

3. VisionHitech Mi series can't connect.

Titan NVR:

3. Hikvision_DS-6101HFI-IP: LiveView do not have image.
4. Hikvision_DS-2CD752MF-FB: LiveView do not have image when change stream profile from original to low or min.
5. VisionHitech Mi series can't connect.

Release Version v2.11.0 (2013/03/26)

Modules:

Device Pack v 2.11.0

Supported Systems:

Mainconsole v 4.1.0 and above
NVRmini 2 v 1.5.0 and above
NVRsolo v 1.0.0 and above
Titan NVR v 1.3.0 and above

New Camera Supported:

ACTi KCM8111
ADT ADT-VSDVS-4C, ADT-VSDVZ5MP-VF3090IRI and ADT-VSDVZ5MP-VF3090IRO
American Dynamics ADCi600-D131
BOSCH NDC-225, NWC-455, NWC-495, NWD-455, NWD-495 and VIP-X1XF-E
CNB IDC4050VR, IDP5035VR, IVC5055VR, IVP5035VR, IXC2050IR, IXP3035VR, NDE5055VR, NVE5055VR and NXE3055VR
Dlink DCS-2136L, DCS-3010, DCS-5010L
Dlink CN DCS-N70M-21H3, DCS-V70M-21H2, DCS-V70M-11H, DCS-N40M-22H3, DCS-V40M-12H, DCS-V40M-32H2, DCS-N31M-21H3, DCS-V30M-51H2, DCS-N62-40H2, DCS-N40M-81H3
Etrovision EV8180Q-XD and EV8782Q-BD
Fine ACM-R2001, CDB-MV720F, CDV-P360 (Fisheye camera, support on Mainconsole only), TCP-HFB720
Hikvision Generic model support second stream
LevelOne FCS-1132, FCS-3052, FCS-5052 and FCS-5062
Saerim SR-IDC4050F, SR-IDC4050VR, SR-IDP4030VR, SR-IGC2050F, SR-IGP2035F, SR-NDE5055VR, SR-NGE2055F, SR-NVE5055VR ,SR-IXP3035VR and SR-NXE3055VR
Sunell SN-IPC54/40EDN, SN-IPD54/40VDN, SN-IPR54/40AKDN, SN-IPR54/40APDN, SN-IPV54/40UDN and SN-IPV54/40UDR
Techson TCIP-Typ213MDN22x
Zavio F3102, F3107, F3115

FW upgrade:

Sony

SNC-CH210 (FW v1.78) , SNC-CH260 (FW v1.78), SNC-DH120 (FW v1.78) and SNC-ER550 (FW v1.78)

Notice:

3. Known issue:

gg. American Dynamics ADCi600-D131

1. Not support UPnP search.
2. Not support motion detection at MJPEG mode.

hh. Fine CDB-MV720F

1. Frame rate cannot reach 30fps.

ii. Fine ACM-R2001

1. Frame rate may not enough about 2~8 fps because of camera design.

jj. Sunell SN-IPC54/40EDN

1. MJPEG 2592x1920 will image broken due to camera FW issue.
2. Camera will reboot when MJPEG 2048x1536 and quality 9 due to camera FW issue.

kk. Sunell VSR54/01

1. MJPEG 2592x1920 will image broken due to camera FW issue.
2. DI can't work correctly due to camera FW issue.

ll. Etrovision EV8180Q-XD, EV8782Q-BD

1. Not support Talk.
2. Under four profile mode only support resolution 640x480. (camera limitation)
3. Not support MPEG4 in NVRmini 2/NVRsolo/TitanNVR.
4. Motion Detection only works on H.264.
5. It needs to reboot after changing HTTP port.

mm. LevelOne FCS-1132, FCS-3052, FCS-5052, FCS-5062

1. The Motion Detection of MPEG4 is error.
2. In Night mode, the Saturation cannot set. It is FW issue. (FCS-5062)

nn. Sony SNC-CH210, SNC-CH260, SNC-DH120, SNC-ER550

1. Dual stream cannot enable when H.264, 30fps, 1280x720(SNC-CH210, SNC-DH120, SNC-ER550) or H.264, 30fps, 1920x1080(SNC-CH260) is selected for Image1.
2. The number of connection is 1 for JPEG and 2 for H264 and MPEG4 at the same time.
3. The PTZ function only support zoom in/out, focus near/far and auto focus function. (SNC-CH260, SNC-DH120)
4. The connection cannot established with high probability when selected JPEG, high resolution and high quality. (SNC-DH120, SNC-ER550)

oo. Zavio F3102, F3107, F3115

1. Under AMR 7.95 mode cannot use talk and audio function.
2. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's camera limitation.

pp. D-Link

1. DCS-2136L:
 - i. Constant bit rate cannot set bigger than 4M
 - ii. In camera web video setting and NUUO camera setting page, when mode is MJPEG, set the fixed quality to "Excellent" and save, then change the Mode to H.264, the "Fixed quality" should also be "Excellent", but the "Good" option is show up due to camera FW issue.
 - iii. When select resolution "176x144", it will display incorrect image
2. DCS-3010:
 - i. Firmware Issue: Not support Talk
 - ii. Firmware Issue: Bitrate setting
(more than 2Mkbps will cause broken-image and image delay)

qq. D-Link China:

1. DCS-N62-40H2
 - i. Firmware Issue: Not support Motion Detection
 - ii. Firmware Issue: Bitrate List on web shows 3Mkbps
(the truly Bitrate value of camera could be 3Mkbps or 2.5Mkbps)
 - iii. Speed setting only support pan speed(synchronized with Tilt speed)
2. DCS-N40M-81H3
 - i. Not support TCP/UDP

rr. Hikvision Generic model:

1. The camera setting will be failed, when sub stream resolution bigger than main stream resolution in Rapter platform.

ss. ADT-VSDVS-4C

1. Talk can't be use after setup audio codec.
2. Tilt up and down can't be use.
3. Name of preset point only support a-z A-Z @-_!

tt. ADT-VSDVZ5MP-VF3090IRI and ADT-VSDVZ5MP-VF3090IRO

1. Audio codec is wrong under AMR.
2. Camera may not connect under highest resolution, highest bit rate and lower frame rate.
3. Tilt up and down cannot use.

uu. TCIP-Typ213MDN22x

1. Not support auto detection.

2. Not support DI/DO and audio.
 3. Not support setup PTZ speed.
 4. Video stream will have low frame rate with high quality under MJPEG.
 5. Not support UPnP search.(Mainconsole)
 6. The frame rate does not synchronize with web under MJPEG.
- vv. BOSCH NWD-495, NWC-495, NWD-455, NWC-455
1. Auto detect model unsupported
 2. H.264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile.
 3. When H.264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'.
 4. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.
 5. MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate
- ww. BOSCH NDC-225
1. When H.264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.
 2. MJPEG quality depends on camera load. Value in settings dialog is not representative of actual quality.
 3. Audio Codec support g711, not support L1, AAC.
- xx. BOSCH VIP X1 XF E
1. When H.264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.
 2. MJPEG quality depends on camera load. Value in settings dialog is not representative of actual quality.
 3. Audio Codec support g711, not support L1, AAC.
 4. The resolution of profile-2(Mjpeg) will be limited to CIF, if the resolutions of profile-0(h264) and profile-1(h264) set by CIF.
 5. H.264 video stream supports maximum resolution of 704x576 (PAL) and 704 x 480 (NTSC) only. Full D1 (720 x 576) is not supported.
- yy. Histream HH9801B-MPC-TD(HIHD_T_IR)
1. (MainConsole)Firmware Issue: Not support Motion Detection, DI, DO, video setting(Brightness/Contrast/Saturation)
 2. (Mini2/Titan/Solo) Only support main stream video, camera setting(1920x1080, 1280x960, 1280x720). The other resolution not mentioned above are not supported.

Bug fixed:

Mainconsole:

1. Zavio V111T: The zoom in/out cannot stop.
2. Sunell: DI can't work. (except VSR54/01 fw issue can not fix)
3. Bolide: DI can't work.
4. Brickcom VS-01Ap: Cannot PTZ via joystick.
5. JVC VN-H*: Connect by http will cause CPU loading high, disable it.

NVRmini 2:

1. Grundig_GCI-K0523T, Grundig_GCI-H0503B: After selected H.264 video format in NVRmini2, the video format will back to MJPEG.
2. Vivotek VS8801: There is no image for dual stream.
3. Sunell: DI can't work. (except VSR54/01 fw issue can not fix)
4. Bolide: DI can't work.
5. CNB IXC2050IR and IDC4050VR: disconnect after several hours.
6. JVC VN-H*: Connect by HTTP will cause CPU loading high (camera FW issue). NUUO suggest not connect via HTTP.

Titan NVR:

6. Vivotek VS8801: There is no image for dual stream.
7. Sunell: DI can't work. (except VSR54/01 FW issue cannot fix)
8. Bolide: DI can't work.
9. CNB IXC2050IR and IDC4050VR: disconnect after several hours.
10. JVC VN-H*: Connect by HTTP will cause CPU loading high (camera FW issue). NUUO suggest not connect via HTTP.

Release Version v2.10.0 (2013/02/26)

Modules:

Device Pack v 2.10.0

Supported Systems:

Mainconsole	v 3.5.0 and above
NVRmini 2	v 1.5.0 and above
NVRsolo	v 1.0.0 and above
Titan NVR	v 1.3.0 and above

New Camera Supported:

ADT	ADT-VSDVZ3MP-VF3010IRO
Beward	N100, N120, N300, N320, N600 and N630
CNB	IDP5035VR, IGC2050F, IGP2035F, IVP5035VR, IXP3035VR and NGE2055F
Dynacolor	NA083(IP+ only)
Dlink	DCS-2210, DCS-5020L
Eneo	PXD-1010F02 and PXD-1020F02
Honeywell	HDZ20HD, HDZ20HDE, HDZ20HDEX and HDZ20HDX
Vivotek	CC8130, FD8151V and IP8372
Zavio	B5010, B5111, B5210, D3100, D3200, D5112, F7210 and F3110

FW upgrade:

Levelone	FCS-4041, WCS-6020 and WCS-6050
Panasonic	WV-SC385 and WV-SP105
Sunell	SN-IPD54/12VDN
D-Link	DCS-7413, DCS-6511

Onvif support:

1. For ONVIF partner, NUUO only guarantee camera video connection (1st stream) with ONVIF test report.
2. Onvif Product line support: Titan(Profile S v12.06), Mini2(Profile S v12.06), Mini (Onvif v1.01) Solo (Profile S v12.06) and Mainconsole(Profile S v12.06)

Notice:

4. Known issue:

zz. Sunell SN-IPD54/12VDN Can't test DI due to HW broken.

aaa. CNB IGP2035F/IXP3035VR/IDP5035VR/IVP5035VR, Failed to set bitrate to 128k over VGA/D1.

bbb. ADT ADT-VSDVZ3MP-VF3010IRO

1. Audio codec is wrong under AMR.
2. Camera may not connect under highest resolution, highest bitrate and lower framerate.

ccc. D-Link

1. DCS-6511: camera framerate is lower than user setting.
2. DCS-7413: When framerate is 1, camera connection isn't stable.

Not support MPEG4, TCP, UDP

3. DCS-5020L: (Titan/Mini2) Not support Audio
4. DCS-2210: Camera web and MainConsole can't be set simultaneously.

ddd. DynaColor NA083 Parameter setting will fail when Mjpeg quality bigger than 60

eee. Eneo PXD-1010F02,PXD-1020F02 Parameter setting will fail when Mjpeg quality bigger than 60

fff. Honeywell HDZ20HD,HDZ20HDE,HDZ20HDEX,HDZ20HDX Parameter setting will fail when Mjpeg quality bigger than 60

ggg. OEM N73200, the AMR mode of audio doesn't work correctly and the frame rate of MPEG4 is up to 20 due to the limitation of hardware.

hhh. Zavio

1. For F7210, due to audio and PTZ malfunction, the two functions can't be verified unless new camera sample is provided. Thus, audio and PTZ function for F7210 is not guaranteed.
2. For D3100, there is no audio and the UPnP doesn't include port settings. The two are known as FW issue.
3. For D3200 and F3110, the AMR mode of audio doesn't work correctly and the frame rate of MPEG4 is up to 20 due to the limitation of hardware.
4. For B5210, the frame rate is not enough when using TCP and HTTP connection.

iii. Beward

1. For N300/320, only camera link is received for camera intergration. Thus, NUUO only guarantee video function.
2. For N100/120, audio will be disappeared after switch settings for a few times. (FW issue)

jjj. LeveOne

1. For FCS-4041, High video parameter causes slow CGI command response.

Bug fixed:

Mainconsole:

- Fix Zavio F210A motion detection cannot be triggered.

NVRmini 2:

- None

Titan NVR:

- Fix Titan can't login after connecting Samsung SNB-1001 several hours.

Release Version v2.9.5 (2013/02/01)

Modules:

Device Pack v 2.9.5

Supported Systems:

Mainconsole v 3.5.0 and above

NVRmini 2 v 1.5.0 and above

Titan NVR v 1.3.0 and above

New Camera Supported:

none

Bug fixed:

Mainconsole:

- Mainconsole would probably occur unexpected crash when first launch.

Release Version v2.9.0 (2013/01/21)

Modules:

Device Pack v 2.9.0

Supported Systems:

Mainconsole v 3.5.0 and above

NVRmini 2 v 1.5.0 and above

Titan NVR v 1.3.0 and above

New Camera Supported:

3Svision	S4071
Arecont	AV1145-04-W, AV1145-3310-D, AV1145-3310-W, AV1255, AV2145-04-D, AV2145-04-W, AV2145-3310-D, AV2145-3310-W, AV3255 and AV10255
AXIS	M1013, M1144, M3006, P1204, P1354 and Q7424
Beward	N100, N120, N300, N320, N600 and N630 (Mainconsole support only)
Bullwark	BLW-510MP-BS
Dlink	DCS-5605, DCS-5635, DSC-932L, DCS-6210, DCS-7110, DCS-2230, DCS-6513 and DSC-6915
Everfocus	EDN2210 and EPN4220
Fine	3MP_BOX, 3MP_FD, 3MP_IR,3MP_PT, 3MP_VD and CDB-HD280
Forenix	C2200, C2200-W, FBX-200, FBX-300WD, FDM-200, FDM-300WD, FVD-200, FVD-300WD, M0202-BH01, M0202-BH02, M0202-BH03, M7202-DB03, M4202-DB03 and M4202-DB02
Hikvision	DS-2DF1-572
Levelone	WCS-6020 and WCS-6050
MegaIP	NCD-2003PR and NMX-2003P
Messoa	NCB855, NCC800 and NIC950
NTIC	HVS-D1-V3
OEM	N73110
Probe	PID-H1300
Samsung	SND-5010
Santec	SNC-3305, SNC-5315IR, SNC-6202 and SNC-6315
Sunell	IPS54/71DN/Z18 and IPS54/80DR
TP-LINK	TL-SC3130v2 and TL-SC3130Gv2
VisionHitech	Vision SM3Ti

Vivotek	IP8172
Yudor	YUC-H626, YUC-H7926 and YUC-Hi26
Zavio	B5010, B5210, D3100, and F7210

FW upgrade:

Arecont	AV8185 and AV8365
Messo	NIC950
Probe	PIC-H2010, PIN-H1310 and PMI-H2000

Onvif support:

3. For ONVIF partner, NUUO only guarantee camera video connection (1st stream) with ONVIF test report.
4. Onvif Product line support: Titan(Profile S v12.06), Mini2(Profile S v12.06), Mini (Onvif v1.01) and Mainconsole(Profile S v12.06)

Notice:

5. Known issue:

kkk. Yudor YUC-H626, YUC-Hi26, YUC-H7926:

In website, when bitrate mode is "CBR" and change stream mode from "Advanced mode" to "Basic mode". Quality will not synchronized to web.

lll. Santec SNC-6315:

M-JPEG on high resolution and quality may not get parameter.

mmm. VisionHitech Vision SM3Ti,

1. Sometimes can't get camera parameter normally due too camera response too slow, but there is chance to recover after reboot.

2. Audio may discontinuously under high resolution, framerate and bitrate settings.

nnn. LevelOne WCS-6020, WCS-6050

1. WCS-6050 not support MJPEG 1280x1024
2. Not support preset
3. Camera's framerate is less than 30fps at high resolution.
4. PTZ Home is stopped when the button is released at titan.
5. Broken textures at high quality.
6. Not support AAC codec. Users have to set AMR codec via camera web.

ooo. Everfocus EDN2210 :

Sometimes can't get camera's parameter at high resolution.

ppp. Beward

1. For N300/320, only camera link is received for camera intergration. Thus, NUUO only guarantee video function.
2. For N100/120, audio will be disappeared after switch settings for a few times. (FW issue)

qqq. 3SVision S4071

1. The quality setting of M-JPEG is unavailable.
2. When the server attaches two or more channels, the maximal framerate is unstable.

rrr. Zavio

1. For F7210, due to audio and PTZ malfunction, the two functions can't be verified unless new camera sample is provided. Thus, audio and PTZ function for F7210 is not guaranteed.
2. For D3100, there is no audio and the UPnP doesn't include port settings. The two are known as FW issue.

sss. TP-LINK TL-SC3130v2 and TL-SC3130Gv2

Not support audio with AMR 7.95.

ttt. Messoa NCC800, NCB855

1. Set parameter will take 10 sec or more to setup.
2. Get parameter may wrong after set parameter.
3. Broken textures on connected in 1~4sec at MPEG4.
4. Not support auto detection.
5. For NCB855, setup bit rate of MPEG4 will response wrong parameter.

uuu. Messoa NIC950

1. Not support UPnP.
2. Not support auto detection.
3. Not support motion detection on MJPEG.
4. Not support DI and DO.

vvv. Probe PID-H1300

Auto detection fail. (FW issue)

www. D-Link

1. DCS-7110: not support Preset and HTTP protocol
2. DCS-6915: not support Preset, Audio 40kbits mode, Talk, Motion Detection and Flip.
3. DCS-2230: Quality setting fail in MJPEG
4. DCS-6210: Flip/Mirror acts contrary
5. DCS-6513: Preset issue(1st point position will be covered by 2nd point position), Talk voice abnormal
6. DCS-5635: Not support autopan speed setting and MPEG4 format in HTTP
7. DCS-5605: Not support MPEG4 format in HTTP

xxx. Bullwark

BLW-510MP-BS: Get parameter will fail when Mjpeg quality bigger than 60.

yyy. Axis

P1354: Not support AAC in MJPEG. Not support AAC in H264 in Titan and Mini2 v1.6, but support in Mini2 v1.5.

Bug fixed:

Mainconsole:

- Hikvision Generic:
 1. If device not support PTZ function, PTZ push-button will not be disable.
 2. Autodetect function can't find generic model.
 3. MD delay
 4. There are broken texture when use high resolution and low frame rate.
- Messoa:
 1. The default values of video parameter are different from camera web on MainConsole.

NVRmini 2:

- Hikvision Generic:
 - 1.If device not support PTZ function, PTZ push-button will not be disable.
 - 2.Autodetect function can't find generic model.
- CNB IDC4000T:
 - 1.the device can not connect and can not set up on camera web page after a period of time.

Titan NVR:

- Hikvision Generic:
 - 1.If device not support PTZ function, PTZ push-button will not be disable.
 - 2.Autodetect function can't find generic model.
- CNB IDC4000T:
 - 1.the device can not connect and can not set up on camera web page after a period of time.

Release Version v2.8.0 (2012/12/19)

Modules:

Device Pack v 2.8.0

Supported Systems:

Mainconsole v 3.5.0 and above

NVRmini 2 v 1.5.0 and above

Titan NVR v 1.3.0 and above

New Camera Supported:

ACTi KCM5511

Arecont AV8185DN, AV8365DN, AV20185DN and AV20365DN

AXIS M3005

Bolide BN1009/PTZ3GIP, BN1009/PTZWDRIP, BN1009M/PTZ-18, BN2002IP, BN2002WDRIP, BN2009AVAIRIP, BN2009IRIP, BN2009WDRVAIRIP, BN2035IRIP, BN2035WDIRIP, BN5002M-A, BN5009M-A and BN5035M-A

BOSCH NTC-265-PI and NDN-265-PIO

Corum CS-150-IO, CS-195-IO, CS-310-IO, CS-320-IO, CS-390-IO, CS-410-IO and CS-425-IO

Dlink DCS-2310L, DCS-3112, DCS-6314, DCS-6915(Mainconsole support), DCS-7413 and DCS-7513

Eneo GXB-1720M-IR, GXC-1605M, GXC-1606M-IR, GXC-1720M, GXD-1610M-IR, and GXD-1720M-IR

Everfocus EPN4220

Hikvision DS-2CD8253F-EI, DS-2CD8264FWD-(EIS), DS-2CD864FWD-E, DS-2DF1-572 (Mainconsole support) and Generic

ITX NCD-2003PR(Mainconsole support), NMX-2003P(Mainconsole support)

LevelOne WCS-6020(Mainconsole support), WCS-6050 (Mainconsole support)

LG LDW2010, LSW900, LSW901, LSW2010, LVS201, LVS301, LVS311, LVW700, LVW701, LVW900, LVW901, LW352, LW355, LW9226, LW9226I, LW9228, LW9228I

Rover RV19BMVP and RV19BMVIR

Samsung SNB-5001, SND-5011 and SND-5061

Sony SNC-VB600 and SNC-VB630

Tiandy	TC-NS324S2-V2.1
Vivotek	IP8172(Mainconsole support)
Yudor	YUC-H696, YUC-766R-30, YUC-H796R, YWS-H01DP and YWS-H04S

FW upgrade:

Panasonic	DG-SW155, WV-SP135E and WV-SW155
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Notice:

Known issue:

I. ACTi KCM5511

Pitch of G.711 audio is not correct.

Not support motion detection in M-JPEG.

II. CORUM

Under particular operation, the quality or resolution of video parameter can't be set. It needs set quality on camera web again.

The particular operations sequence is as follows:

In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply

CS-425-IO and CS-195-IO: Not support 2nd stream in maximum frame rate of 1080p.

CS-230-IO: Cannot setup saturation. (IP+)

CS-390-IO: Not support UPnP.

CS-150-IO, CS-195-IO, CS-320-IO, CS-390-IO, CS-410-IO and CS-425-IO: When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.

III. Sony SNC-VB600,SNC-VB630

Not support Motion Detection.

Not support Audio.

Alarm Input doesn't work.

IV. VIVOTEK IP8172

Not support CBR mode (MainConsole).

MJPEG not support audio.

Not support AAC audio.

I. LevelOne WCS-6020, WCS-6050

Camera does not stable at bad network environment. For example, UPNP search failed, no video...etc.

Not support preset

WCS-6050 not support MJPEG 1280x1024

II. Hikvision

DS-2CD8264FWD-(EIS): Not support PTZ

DS-2CD864FWD-E: Not support DI, G726 talk, zoom in/out

DS-2CD8253F-EI: Not support audio but the clickbox is opened(cgi issue).

III. D-Link

DCS-6915: Not support talk, Motion Detection, DI, DO

DCS-3112: Not support Preset

IV. Bolide

All Bolide models changing MJPEG resolution may get Fail message due to camera FW issue.
(MainConsole/Mini2/Titan)

All Bolide models AutoDetect model may fail due to incorrect model name response.
(IP+/Mini2/Titan)

BN2002WDRIP, BN5002M-A: AlarmIn message is unstable.

V. Bosch NTC-265-PI:

MJPEG Quality always get 70 (Camera Firmware Issue). (MainConsole)

H264, MJPEG set Quality 0 but get 24 (Camera Firmware Issue). (MainConsole /Mini2/Titan)

MJPEG lag (Camera Firmware Issue). (MainConsole)

Audio Codec supports g711, not support L1, AAC. (MainConsole /Mini2/Titan)

VI. Tiandy TC-NS324S2-V2.1

Audio at titan is bad.

Only support streaming

VII. ITX NCD-2003PR:

When set Anti-Flicker Mode to 50Hz, Mainconsole would get wrong Max of FPS(30).
(Firmware issue)

VIII.LG LW9226:

Audio out sound level is too small (with high impedance).

IX. LG LVS201:

Video image has some noise in the bottom line when video resolution at QCIF.

Bug fixed:

Mainconsole:

- Samsung SND-3082 video will disconnect after continuous control PTZ several minutes.
- Panasonic DG-SF334 force setting bitrate value when codec is H264.

NVRmini 2:

- AMTK AM2221D, AM2231D preset name can't contain blanks.

Titan NVR:

- AMTK AM2221D, AM2231D preset name can't contain blanks.
- Sony SNC-EP580 PTZ speed is too slow.

Release Version v2.7.2 (2012/11/28)

Modules:

Device Pack	v 2.7.2
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Supported Systems:

Mainconsole	v 3.5.0 above
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NVRmini 2	v 1.5.0 above
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Titan NVR	v 1.3.0 above
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New Camera Supported:

AXIS	M3005 (For Mini2 and Titan only)
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Release Version v2.7.0 (2012/11/19)

Modules:

Device Pack v 2.7.0

Supported Systems:

Mainconsole v 3.5.0 above

NVRmini 2 v 1.5.0 above

Titan NVR v 1.3.0 above

New Camera Supported:

Airlive OD-325HD

AMTK AM2030D, AM2110D, AM2120D, AM2221D, AM2231D, AM2530D, AM2570D, AM2590D, AM2630D and AM2730D

Asoni CAM613M, CAM614, CAM615, CAM616M, CAM619M, CAM620, CAM624M, CAM625M, CAM627M, CAM628M, CAM630, CAM632, CAM633, CAM634M, CAM637M, CAM638, CAM639(Mini2/Titan only), CAM640, CAM641(Mini2/Titan only), CAM642M, CAM647, CAM656D, SVR610, SVR611, SVR640

AXIS P5544

Bosch NDC-274-P and NDC-274-PT

Camtron HLC-81AD/P, HLC-83V, HLC-83V/W, HLC-84V and HLC-84V/W

Corum CS-270-IO

Forenix NPB-720, NPB-720A, NPB-720U, NPD-720K and NPD-720R

Hikvision DS-6601HFHI (Mainconsole only)

Histream HIHD_64

Lilin IPD2220ES, IPG1022ESX, IPG1022ES, IPR320ESX, IPR434ESX, IPR7424ESX (Mini2/Titan support)

Messo NCR-875PRO, NDR-891, NIC-990

Samsung SNB-7001, SNB-7002, SND-7011, SND-7061, SND-7082 and SNV-7082

Tiandy TC-NH9106S2-MP

JVC VN-H37U, VN-H57U, VN-H137U, VN-H157WPU, VN-H237U, VN-H257U, VN-H257VPU, VN-V685U, VN-V686BU, VN-V686WPBU (Mini2/Titan support, Mainconsole have supported on DP v2.5)

Notice:

6. Known issue:

zzz. BOSCH NDC-274-P

- MJPEG Quality always get 70 (Camera Firmware Issue).
- MJPEG set Quality 0 but get 24 (Camera Firmware Issue).
- MJPEG lag (Camera Firmware Issue).

aaaa. Airlive OD-325HD and AMTK AM2030D, AM2110D, AM2120D, AM2221D, AM2231D, AM2530D, AM2570D, AM2590D, AM2630D and AM2730D Always can use http port 80 to connect after changing http port by FW issue.

bbbb. Airlive OD-325HD and AMTK AM2590D, AM2030D, AM2570D, AM2530D, AM2630D, AM2730D Initail output status will not synchronize to real output voltage by HW issue.

cccc. AMTK AM2221D, AM2231D preset name can't contain blanks.

dddd. Histream HIHD_64 camera response very slow, when change video parameter, there is high opportunity to disconnect. Just wait for a while, or reboot camera, and then be able to reconnect.

eeee. Hikvision DS-6601HFHI

- UPnP search can't find the camera.
- Can't change port on camera web site.
- Talk sound is not fluent

ffff.Messoa NDR891 and NCR875PRO

- Set parameter will take 10 sec or more to setup(Camera Firmware Issue).
- Get parameter may wrong after set parameter(Camera Firmware Issue).
- Broken textures on connected in 1~4sec at MPEG4(Camera Firmware Issue).
- Not support auto detection.
- Setup bit rate of MPEG4 will response wrong parameter on Mini2/Titan(Camera Firmware Issue).
- Not support talk on MainConsole.
- The default values of video parameter are different from camera web on MainConsole.

gggg. Messoa NIC990

- Can't set frame rate(Camera Firmware Issue).
- Only support H.264.
- Not support dual stream on 1080P(Camera Firmware Issue).

hhhh. Camtron HLC-81AD/P doesn't support autodetect & search

iiii. LILIN IPD2220ES, IPG1022ESX, IPG1022ES, IPR320ESX, IPR434ESX, IPR7424ESX Video parameter does not synchronize to ONVIF option.

jjjj.LILIN IPR434ESX does not support dualstream at 2048x1536

kkkk. Tiandy TC-NH9106S2-MP

1. Not support ONVIF event (MD, I/O).
2. Not support minor stream.
3. Not support dual stream.

Bug fixed:

Mainconsole:

- Fine SP-HP2020Q-IP patrol cause IP+ dump.
- Levelone FCS-3091 can't use talk function.

NVRmini 2:

- CNB IDP4000VD open dualstream failed.
- Vivotek SD8XXX series preset issue.
- Panasonic WV-SW395, WV-SW396 preset issue.

Titan NVR:

- CNB IDP4000VD open dualstream failed.
- Vivotek SD8XXX series preset issue.
- Panasonic WV-SW395, WV-SW396 preset issue.

Release Version v2.6.0 (2012/10/19)

Modules:

Device Pack v 2.6.0

Supported Systems:

Mainconsole v 3.5.0 above

NVRmini 2 v 1.5.0 above

Titan NVR v 1.3.0 above

New Camera Supported:

Axis M1014 , M1143-L, M3004, M7014, P7224 and Q7406
DCS-2130 (Titan/Mini2 support and Mainconsole already support on v2.5) and DCS-3716

D-Link

Everfocus EDN3160, EDN3260, EDN3340, EHN3160, EHN3260, EHN3340 and EPN4122

Forenix ACD-3VM501 and NPB-720BM

Jetstor JS-C1100, JS-C2100, JS-WGP-100-CB, JS-B0100, JS-B0100-W, JS-B0131, JS-BB1100-R30, JS-B1100, JB-B1204-R25, JS-D0100, JS-D1100, JS-D1130, JS-D1204, JS-ISD0200x18 and JS-OSD0200x20

Levelone FCS-3071-V2

Samsung SNP-6200, SNP-6200H, SNP-6200HP, SNP-6200P

Shany SNC-21XX (SNC-WD2112MDN, SNC-WD2122DN, SNC-WDL2132DN, SNC-WDL2142DN)
SNC-22XX (SNC-2212MDN, SNC-2222DN, SNC-L2232DN)
SNC-23XX (SNC-WD2312MDN, SNC-WD2322DN, SNC-WDL2132DN, SNC-WDL2332DN)

Sunell IPS54/70DN/Z18, IPS54/70DN/ZR18, IPS54/70DR/Z18, IPS54/70DR/ZR18, SN-IPC54/11FDN, SN-IPC54/11DN, SN-IPC54/11EDN, SN-IPV54/11DN, SN-IPV54/11DR, SN-IPD54/11VDN, SN-IPD54/11VDR, SN-IPV54/11UDN, SN-IPV54/11UDR, SN-IPR54/11DN, SN-IPR54/11ANDN, SN-IPV54/11ZDR, SN-IPR54/11ALDN, SN-IPR54/11AKDN, SN-IPD54/12VDN, SN-IPC54/12DN, SN-IPC54/12EDN, SN-IPC54/12FDN, SN-IPV54/12DN, SN-IPV54/12DR, SN-IPD54/12VDR, SN-IPV54/12UDN, SN-IPV54/12UDR, SN-IPR54/12DN, SN-IPR54/12ANDN, SN-IPV54/12ZDR, SN-IPR54/12ALDN, SN-IPR54/12AKDN

	and VSR54/01
Techson	TCIP-220MDN, TCIP-230WDRMDN, TCIP-213WDRMDN, TCIP-D213WDRDN TCIP-D220DN, TCIP-D230WDRDN, TCIP-LD213WDRMDN, TCIP-LD220MDN, TCIP-LD230WDRMDN and TCIP-LPro213WDRMDN (Mini2 and Titan support, Mainconsole already support on DP v2.5)
Zavio	D5113, D7111, F1100 and F1105

Notice:

7. Known issue:

llll. Sunell SN-IPD54/12VDN, VSR54/01 autodetect fail due to camera FW issue.
IP54/70DN/ZR18 VSR54/01 changing MJPEG resolution may get Fail message due to
camera FW issue. Can't support G711 A-law(Onvif issue)

mmmm. Axis P7224 can't use second audio in (All). Support G.711 only
(mini2/Titan).

nnnn. Forenix NPB-720BM doesn't support On-edge motion under TCP or UDP
protocol.

oooo. Digital WatchDog DWC-MPA20M does not support On-edge motion
detection.

pppp. Digital WatchDog DWC-MPA20M, if switching between profiles
constantly(about 5~10 times), sometimes the camera is just disconnected and no longer
connected again until rebooting it

qqqq. 2.5 and 12.5 framerate can't be show at EPN4122.

Bug fixed:

Mainconsole:

- Can't connect over 3 Pelco IP110 devices.
- Icantek icanview240 can't use PTZ.
- Probe connection failed after several minute.
- EverFocus ONVIF camera responses LAN address in NAT environment.

NVRmini 2:

- Panasonic WV-SW395 PTZ speed moving angle too much.
- Probe connection failed after several minute.
- Vivotek some PTZ models can't control PTZ when PTZ speed is 0 in the camera web interface.
- EverFocus ONVIF camera responses LAN address in NAT environment.

Titan NVR:

- Panasonic WV-SW395 PTZ speed moving angle too much.
- Probe connection failed after several minute.
- Vivotek some PTZ models can't control PTZ when PTZ speed is 0 in the camera web interface.
- EverFocus ONVIF camera responses LAN address in NAT environment.

Release Version v2.5.0 (2012/09/18)

Modules:

Device Pack	v 2.5.0
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Supported Systems:

Mainconsole	v 3.5.0 above
NVRmini 2	v 1.5.0 above
Titan NVR	v 1.3.0 above

New Camera Supported:

ACTi	KCM5611 and KCM7911
Axis	Q1604 and Axis (for IP camera and video servers' Video only)
Dahua	SD65XX-HN and SD69XX-HN
D-Link	DCS-2130 (Mainconsole only)
Ernitec	Mercury SX 302, Mercury SX 302IR, Mercury SX 302M, Orion SX 802IH, Orion SX 802OPH, SX 605, Vega SX 102 and Vega SX 102IH
Guardeon	GDN-V1300D, GDN-DV1300IR and GDN-D1300IR
Honeywell	HCD5MIH, HD3MDIH and HD4MDIH
JVC	VN-H257U, VN-H257VPU, VN-H37U, VN-V685U, VN-V686BU and VN-V686WPBU(Mainconsole only)
LG	LNB3100, LNB5100, LND3100, LND5100, LNP2800, LNP2800I, LNP3700, LNP3700T, LNV5100, LNV5110, LW130W, LW332, LW335, LW342, LW345, LW6324, LW6354, LW6424, LW6454 and LW9422
Vivotek	FE8171V (Mainconsole only and Titan/Mini2 already support on v1.13) and FE8172V

Notice:

8. Known issue:
 - a. ACTi KCM5611 does not support RS-485 (not support Pan/Tilt).
 - b. Dahua SD65XX-HN, SD69XX-HN does not support motion detection at MJPEG.
MJPEG bitrate can't set over 8192 kbps.
 - c. Axis Generic support video only.
 - d. Axis Q1604 does not support AAC at MJPEG and not support H264 CBR mode.
 - e. Guardeon does not support audio in with 16KHz sampling rate.
 - f. LG series can't support dual-stream when video parameter is H264, 1920x1080(or above), over 20fps.
 - g. LG Speed Dome models (LW9422, LNP3700T) PTZ will stop automatically when press bottom

over 10 sec. Focus near/far needs to setup the focus mode in camera's OSD. Adjust zoom speed is useless.

- i. Vivotek FE8172V, not support CBR mode. Not support audio at MJPEG. Not support AAC audio. When resolution is 1360x786, video stream would have a white line at the left-bottom of the frame. If set to Full HD mode, the low profile video stream would have a color line at the bottom of frame.

Bug fixed:

Mainconsole:

- Fix Santec SNC-8322 PTZ "down-left "
- Fix Dynacolor NV053, NV223 autofocus
- Probe PIC-H2010 with wrong MAX framerate support.
- Zavio B7210, F7210 with wrong resolution support.

NVRmini 2:

- Panasonic WV-SC385 can't get preset point.
- Sunell SN-IPS54/60DN/Z18/WI Motion Detection failed after 60sec.

Titan NVR:

- Panasonic WV-SC385 can't get preset point.
- Sunell SN-IPS54/60DN/Z18/WI Motion Detection failed after 60sec.

Release Version v2.4.0 (2012/08/20)

Modules:

Device Pack v 2.4.0

Supported Systems:

Mainconsole v 3.5.0 above
NVRmini 2 v 1.5.0 above
Titan NVR v 1.3.0 above

New Camera Supported:

ACTi	TCM1111, TCM3111, TCM4511, TCM5111 and TCM6630
Alphatech	AT-IMF5736 and AT-IMV5756
Brickcom	30xN
Grundig	GCI-K1526V and GCI-K1812W
Probe	PIC-2010T and PIN-H1310
Sunell	SN-IPS54/60DN/Z18/WI
Techson	TCIP-213WDRMDN, TCIP-220MDN, TCIP-230WDRMDN, TCIP-D213WDRDN, TCIP-D220DN, TCIP-D230WDRDN, TCIP-LD213WDRMDN, TCIP-LD220MDN, TCIP-LD230WDRMDN and TCIP-LPro213WDRMDN (Mainconsole only)
Vidosec	ICS-20W, ID-20, IRD-20 and IRW-20W
Vivotek	BB5116, BB5315, BD5115 and FD8131
3Svision	N3071, N6072, N6073, N6074, N6075, N6076, N6077 and N9071

Notice:

9. Known issue:
 - a. ACTi TCM6630, DI/DO useless, FW issue.
 - b. AlphaTech models, 2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200. Framerate only support 3~25fps.
 - c. Brickcom 30xN, Cover FB-300Np, WFB-300Np, MD-300Np. MD-300Np is no support DI/DO and one way audio only.
 - d. Grundig models, camera become slow response (or not response) when set resolution, compression and framerate near the maximum value, audio will not smooth at the same time. Suggest modify GOV length to small value when video framerate lower than 5.
 - e. Probe series, will access failed when add more than 1 channel to the same camera.

f. Sunnell SN-IPS54/60DN/Z18/WI, dual-stream will connect failed when camera is too busy.

10. Bug fixed:

Mainconsole:

- Brickcom VS-04A, can't be selected in the camera support list.

NVRmini 2:

- ACTi CAM6610, adjust PTZ speed to adequate speed.
- Grundig C3075, increase the PTZ control latency.
- Sunnell camera can't disconnect automatically when press disconnect button.

Titan NVR:

- ACTi CAM6610, adjust PTZ speed to adequate speed.
- Grundig C3075, increase the PTZ control latency.
- Sunnell camera can't disconnect automatically when press disconnect button.

Release Version v2.3.0 (2012/07/18)

Modules:

Device Pack	v 2.3.0
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Supported Systems:

Mainconsole	v 3.5.0 above
NVRmini 2	v 1.5.0 above
Titan NVR	v 1.3.0 above

New Camera Supported:

Alphatech	AT-IMF5739 and AT-IMF5750
Basler	BIP2-D1920c-DN
Dynacolor	na063
Mobotix	M24M-Sec
Santec	SNC-3322 and SNC-8322I/HO
Telview	IPB612P-ICR, IPB630P-ICR, IPD612-VP-VF-IR, IPD630-VP-VF-IR, IPE600, IPW612, IPW630, IPW630P, IPZ611, VIS611, VIS614 and VIT621
Vivotek	FD8335H, FD8372 and IP8361

Notice:

11. Known issue:

a. Alphatech AT-IMF5739, AT-IMF5750

2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200.
Framerate only support 3~25fps.

b. Basler BIP2-D1920c-DN

Not support Audio & Talk

c. Dynacolor na063

Video parameter can't sync with camera web interface, need to refresh the browser.

Talk quality is not clear.

Camera efficiency will done when set high resolution & quality stream.

d.Mobotix M24-Sec

Audio only support on MxPEG.

Motion event works abnormal until first time trigger.

Resolution of dual-stream can't bigger then main-stream.

e.Vivotek FD8372

Mpeg4 support first 2 maximum resolutions are 1920x1920 & 1920x1536.

12. Bug fixed:

Mainconsole:

- Etrovision EV8180U black video when set resolution to 1920x1080.

NVRmini 2:

- CNB IDC4050IR, IDC4050F dualstream doesn't work.

Titan NVR:

- CNB IDC4050IR, IDC4050F dualstream doesn't work.

Release Version v2.2.1 (2012/07/05)

Modules:

Device Pack	v 2.2.1
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Supported Systems:

Mainconsole	v 3.5.0 above
NVRmini 2	v 1.5.0 above
Titan NVR	v 1.3.0 above

Notice:

1. Bug fixed:

For Eneo GCD1710M-IR, please remove DP v2.2.0 first then install DP v2.2.1 and reset

Mainconsole:

- a. Eneo camera model correct to GXD-1710M-IR
- b. Axis P7210 can not view the correct video channels with Codec H264.

NVRmini 2:

- a. Eneo camera model correct to GXD-1710M-IR

Titan NVR:

- a. Eneo camera model correct to GXD-1710M-IR

Release Version v2.2.0 (2012/06/19)

Modules:

Device Pack	v 2.2.0
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Supported Systems:

Mainconsole	v 3.5.0 above
NVRmini 2	v 1.5.0 above
Titan NVR	v 1.3.0 above

New Camera Supported:

ACTi	KCM-3311 and KCM-7311
Arecont	AV2116 and AV3116
Axis	M7014, P3354, Q1604, Q7414 (NVRmini 2, Titan NVR only) P3364
Brickcom	OB-100Ap, VS01A, PZ-040D and PZ040E
Eneo	GXB-1710M-IR, GXC-1710M and GCD-1710M-IR
Hikvision	DS-2CD7153-E
Mobotix	D-14D Sec
Samsung	SNB-1001, SND-1011, SND-1080, SNO-1080R, SNV-1080 and SNV-1080R
Vivotek	FD8372, FD8136, IP8133, PT8133, SD8362

Notice:

1. Known issue:
 - a. Hikvision DS-2CD7513-E
this camera can not set framerate 15~22 when resolution is 1600x1200,1600x912.
sometimes camera can't set resolution 1600*1200 、 1600*912 、 1280*960.
2. Bug fixed:

Mainconsole:

 - b. ACTi KCM-5211 PTZ function will be useless after 1 week. (Need upgrade FW V5.05.07 & ISP V1.02.02)
 - c. Samsung SND-3080 can not get the parameter of the video stream.

NVRmini 2:

None

Titan NVR:

- a. Axis Q7406 can not support PTZ control.
- b. Axis P7210 can not view the correct video channels with Codec H264.
- c. UDP IPE3500M disconnect automatically after 24hours.
- d. Vivotek SD83x2, SD83x3 can not adjust the PTZ speed.
- e. Zavio B7201 video broken in LiveView.

Release Version v2.1.0 (2012/05/21)

Modules:

Device Pack	v 2.1.0
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Supported Systems:

Mainconsole	v 3.5.0 above
NVRmini 2	v 1.5.0 above
Titan NVR	v 1.3.0 above

New Camera Supported:

Axis	P3367, P7210, P7214, P8513, P8514, Q1602, Q1602-E, Q1922 and Q1922
Brickcom	130N series and 50xA series
CNB	IDC4000T
COP	15-WS01D-E
Guardliner	SPmicro-412
Hikvision	DS-2CD853F-E
Panasonic	WV-SC386, WV-SP508, WV-SP509, WV-ST162, WV-ST165, WV-SW172, WV-SW174W, WV-SW175, WV-SW314, WV-SW316/L, WV-SW558 and WV-SW559
Samsung	SNP-3302/H
Santec	SNC-3342 and SNC-6332
Vision Hi-Tech	I series, Mi series, M3i series and NVS102
Vivotek	FD8134-SS, IP7160-SS, IP7161-SS, IP8151-SS, IP8161-SS, IP8162P-SS, IP8332-SS, SD8121-SS, SD8362E, SD8362-SS, SD8323E-SS
3SVision	N3072, N5071 and N8072

Notice:

3. Known issue:
 - a. Brickcom 130N series need waiting 15s to finish adjust the zoom/focus.
 - b. Brickcom 50xA series need waiting a period of time to reconnect stream success when switch the video resolution higher than 1920x1080.
 - c. Hikvision DS-2CD853F-E can't set framerate 15~22 in Max resolution.

4. Bug fixed:

Mainconsole:

 - Fixed Sony SNT-V704 can't connect failed.
 - Fixed UDP camera image gray out or break randomly when config different resolutions.

NVRmini 2:

Fixed Axis M7001 can't use daulstream.

Titan NVR:

None

Release Version v2.0.0 (2012/04/18)

Modules:

Device Pack	v 2.0.0
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Supported Systems:

Mainconsole	v 3.5.0 above
NVRmini 2	v 1.5.0 above
Titan NVR	v 1.3.0 above

New Camera Supported:

ACTi	KCM-3211, KCM-3911
Arecont	AV20185CO, AV20365CO, D4F series
Axis	M3113-R, M3113-VE, Q6032
Bullwark	BLW-230MP-BS, BLW-230MP-DS, BLW-IN220X-S, BLW-IR230MP-DSM, BLW-IR230MP-SM and BLW-OUT220X-S
Centrix	B13H, C10, C10-W, D13HD, W13H
Dynacolor	NH720-20N1, NH820-20N1, nv103, nv223, nv053 and nv063
Forenix	B0202
GE	TVC-MP2B-S
Hikvision	DS-2CD754F-EI, DS-2CD8254F-EIS, DS-2CD752MF-E, DS-2CD754F-E DS-2CD854F-E and DS-2CD883F-E
IQinvision	IQeye863N, IQeye865N, IQM30N, IQM31N, IQM32N and IQD32S
Levelone	FCS-0071, FCS-1122, FCS-5061 and WCS-0050(Mainconsole only)
Panasonic	WV-SC384, WV-SC385, WV-SF332, WV-SF335E, WV-SW355(above add I/O), WV-SW396
Rover	RV1WAD, RV01AD, RV01AT, RV04AD, RV1WAG, RV79AD, RV7RAD, RV7RAG, RV81AD, RV81AG, RV84AD, RV84AM, RV84AV and RV87ZA
Samsung	SNB-3002, SNO-7080RP, SNP-3371, SNP-3371TH, SPE-400 SND-3082 (F) and SNV-3082
Vivotek	FD8135H, FD8335H, IP8335H, PT8133 and PT8133W
Zavio	B7210, D7110, F1100(Mainconsole only), F1105(Mainconsole only), F3101, F3106, F3201, F3206 and F531E

Notice:

5. **From DP v2.0, Mainconsole/NVRmini 2 (from v1.5)/Titan NVR (from v1.3) share same device pack.**
6. Known issue:
 - a. ACTi : KCM3211's PTZ only support Zoom and Focus.
 - b. Arecont: AV20185 include AV20185DN, AV20185CO, AV20365 include AV20365DN, AV20365CO
 - c. Bullwark: BLW-IR230MP-SM 1920x1080 MJPEG Bit rate too high will affect camera parameter can not sync to camera information
 - d. Forenix: not support search and auto detected (camera FW issue)
 - e. Hikvision: 1.DS-2CD8254F-EIS 、DS-2CD854F-E 、DS-2CD883F-E can't set framerate 15~22 in Max resolution, DS-2CD8254F-EIS 、DS-2CD854F-E 、DS-2CD883F-E image

broken when resolution over 1600x1200

f. IQinvision: IQM3xN series not support audio in M-JPEG

g. Panasonic: WV-SC385 and WV-396 support continuous PTZ

h. Samsung: SNP-3301, SNP-3370: H264 can't support QCIF resolution

7. Bug fixed:

Mainconsole:

a. Fix Vivotek IP7361 motion detection works failed when set motion area more than 2.

b. Santec: SNC-4302

1080P and 800x600 don't support flip and rotate, Model I/O revise and Quality setting fail issue

NVRmini 2:

a. Fix AV8185DN can't get correct video framerate, quality & compression after setting video parameter when adding the same model with a server over two times.

Titan NVR:

a. Fix Panasonic WV-SC385. The speed of PTZ is very slow in the Titan NVR.

Release Version v1.19.0 (2012/02/29)

Modules:

Device Pack v 1.19.0

Supported Systems:

MainConsole v 3.3.0 above

New Camera Supported:

Dynacolor:	V2 series
iCANTEK:	iCanView322MP, iCanView340MP
Messoa:	NIC990PRO-HP
Micronet:	SP5523W, SP5563HTM, SP5581HDC, SP5582HTM, SP-5584HTM, SP5591HTM SP5923,
Pelco:	IP110, SpectraIV-IP
Santec:	SNC-3302, SNC-4302, SNC-5312IR, SNC-6302, SNC-6312IRH, SVS-3001
Truen:	TCAM-5x10, TCS-2000

Notice:

- c. Firmware Upgrade
 - iCANTEK: iCanView332MP, iCanView362MP
 - Truen: TCAM-570
- d. Known issue:
 - i. Messoa: NIC990PRO-HP
 - Only support video and PTZ. Other parameters setting, audio and DI/DO are not available due to firmware issue.
 - j. Pelco : IP110, SpectraIV-IP
 - Only support MPEG4 image, not support parameter setting. SpectraIV-IP only support 704x240. IP110 only support 704x480.
 - k. Micronet: SP5923
 - 1080P and 800x600 don't support flip and rotate.
 - l. Micronet: SP5581HDC
 - Not support talk.
 - m. Santec: SNC-4302
 - 1080P and 800x600 don't support flip and rotate.
 - n. Truen: TCAM-570
 - MJPEG not support audio.
 - o. Truen: TCAM-2000
 - Not support below resolutions:
 - Composite NTSC 352x240, 720x240
 - HDMI 1080i60 352x240, 720x240, 640x360
 - Echo would occur after stop talk function
- e. Bug fixed:
 - a. ACTi: KCM-5211 Auto-Focus behavior did not sync with camera web.
 - b. Vivotek: VS8401 would connect with incorrect channels.

- c. CNB: ISS2965x can't Zoom In/Out by joystick.
- d. Corumctv: MainConsole would hang and stop after disconnecting the video stream.

Release Version v1.18.0 (2012/01/03)

Modules:

Device Pack v 1.18.0

Supported Systems:

MainConsole v 3.3.0 above

New Camera Supported:

Hikvision:	DS-2CD783F-E, DS-2CD783F-EI, DS-2DF1-5702, DS-2DF1-570A, DS-2DF1-5732, DS-2DF1-573A, DS-2DF1-57A
Lilin:	IPD2220ES, IPG1022ES, IPR320ESX, IPR722S, IPR7424/8ESX
Sony:	SNC-EP521, SNC-EP550, SNC-EP580, SNC-ER550
Vision Hi-Tech:	VISION i series, VISION M3i series, VISION NVS102
Vivotek:	IP8335H

Notice:

- f. Bug fixed
- p. PELCO: D5118 cannot operate PTZ feature by joystick.
- q. PELCO's cameras: The video format does not sync with web's setting.
- r. Fine: TCP-690 cannot be connected.
- s. AXIS: P5534-E cannot set PTZ preset positions.
- t. iCANTEK: iCanView362MP, iCanView332MP :
The audio stream would cause IP+ crash.
- g. Known issue:
 - Lilin: IPG1022ES, IPD2022ES and IPR7424/8ESX
The audio inputs only support HTTP protocol.
 - Hikvision: DS-2DF1-57xx series
The H.264 stream displays not smoothly.

Release Version v1.17.0 (2011/12/01)

Modules:

Device Pack v 1.17.0

Supported Systems:

MainConsole v 3.3.0 above

New Camera Supported:

ACTi:	KCM-5211E, KCM-5311E
AMTK:	AM2110D, AM2231D, AM2590D
Etrovision:	EV8281U, EV8285Q, EV8286Q
Hikvision:	DS-2CD753F-E, DS-2CD753F-EI, DS-2CD754F-E, DS-2CD754F-EI, DS-2CD754FWD-E, DS-2CD754FWD-EI, DS-2DF1-572
Panasonic:	WV-SF132, WV-SF135, WV-SW152/M, WV-SW155/M
UDP:	IPE1100M, IPE3100, IPE3500, IPE4100, IPE5500, IPE6500, IPE7500
Vision Hi-Tech:	Vision Mi series
Vivotek:	MD7560X
Zavio:	F3201, F7210

Notice:

- h. Bug fixed
- u. Mainconsole breakdown when closing and restarting Mainconsole after Onvif models operate
Start patrol.
- v. SAE-E588HDE18C can't control **Zoom In/Out** by joystick.
- w. PELCO-D5118 doesn't store the relative parameter of ptz speed after change it and restart Mainconsole.
- i. Known issue:
 - Hikvision DS-2CD753-E, DS-2CD753-EI, DS-2CD754-E, DS-2CD754-EI, DS-2CD754FWD-E, DS-2CD754FWD-EI do not support PTZ preset using RS-485.
- j. Firmware Upgrade:
 - Arecont: AV3135
 - Samsung: SNB-5000, SND-5080/F, SNP-5200H, SNV-5010, SNZ-5200
 - UDP: NVC1000

Release Version v1.16.0 (2011/11/04)

Modules:

Device Pack v 1.16.0

Supported Systems:

MainConsole v 3.3.0 above

New Camera Supported:

Brickcom:	MD-100AP
CNB:	IDC4050F, IDC4050IR, IDC4050VF, IDC4050VR, IGC2050F, ISMC1063x, IS1765x, ISS2965x, ISSM2063x, IVC5055VF, IVC5055VR, IXC2050IR,
Dahua:	HDB3300N, HDB3300P, HDBW3300N, HDBW3300P, HF3110N, HF3110P, HF3211P, HF3300N, HF3300N-W, HF3300P, HF3300P-W
Etrovision:	EV3150A, EV3151, EV3151A, EV6150A-BI, EV6150A-CI, EV6151A, EV6153A, EV6156A, EV6250A-EI/EO, EV6251A-FI/FO, EV6252A-GI/GO, EV6252A-GI/GO, EV6353A-DO, EV6353A-EO, EV6353A-FO, EV6355A/AP-BO, EV6355A/AP-CO, EV6551A/AP-BI, EV6551A/AP-CI, EV6551A/AP-DI, EV6552A/AP, EV6552R/RP, EV6580A/AP-B/C, EV6581A/AP, EV6750, EV8150A, EV8180A, EV8180A-D, EV8180F, EV8180Q, EV8180Q-D, EV8180U, EV8180U-D, EV8280U, EV8285U, EV8383F, EV8580A-B, EV8580A-C, EV8580A-DB, EV8580A-DC, EV8580F, EV8580Q-C, EV8580Q-DB, EV8580Q-DC, EV8580U-B, EV8580U-C, EV8580U-DB, EV8580U-DC, EV8580U-DM, EV8580U-M, EV8581A-C, EV8581A-DB, EV8581A-DC, EV8581Q-C, EV8581Q-DB, EV8581Q-DC, EV8581U-B, EV8581U-C, EV8581U-DB, EV8581U-DC, EV8582A-D, EV8780A, EV8780U, EV8781A-C, EV8781A-DC, EV8781F, EV8781Q-C, EV8781Q-DC, EV8781U-C, EV8781U-DC, EV8781U-DM, EV8781U-M, EV8782A, EV8782A-DB, EV8782Q, EV8782Q-DB, EV8782U, EV8782U-DB
Shany:	SNC-10XX, SNC-20XX, SNC-81XX, SNC-91XX, SNC-D1XX
USAG:	US-AVC4-2-600NR-I2
Vivotek:	IP8133W, IP8331, MD8562
Samsung:	SNV-7080, SNV-7080R

Notice:

1. Bug fixed:

- AXIS P1346: Support all of AAC audio codec setting.
- Arecont AV2125: Fix the image would turn to green when using UDP connection
- Shany: Fix 1080P resolution name.
- Zavio D611E: Fix connection issue

2. Known issue:

- CNB: 2M pixel models do not support UDP connection.
- Dahua: All models only support Pan & Tilt feature using RS-485 to control the external device.
- Etrovision: xx8x/xx5x series do not support talk function, 8150A and related models do not support VGA resolution.
- USAG: Does not support PTZ feature using RS-485.

- Samsung: 3120x, 3430H, 5xxx and 7xxx series only support TCP connection.
3. Firmware Upgrade:
- Samsung: SND-7080, SNO-5080R, SNP-3120, SNP-3120V, SNP-3430H, SNV-3120, SNV-5080R

Release Version v1.15.0 (2011/10/03)

Modules:

Device Pack v 1.15.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4 & 3.4.1 & 3.5.0 & 3.5.10 & v 3.5.18

New Camera Supported:

Arecont:	AV20185DN, AV20365DN
Probe:	PIC-500, PIC-501, PIC-H1310T, PIC-H2010T, PID-500, PID-501, PID-H1000, PID-H2010T, PIK-H2010T, PIN-H1310T, PIN-H2010T, PIP-H1000, PIS-400, PK-H1310T, PMI-400, PMI-403, PMI-410, PMI-H2000, PTI-400, PTI-401, PTI-402, PTI-403, PTI-500, PTI-501, PTI-502, PTI-503, PTI-H1302, PTI-H2100
Shany:	SNC-21X0, SNC-21XX, SNC-22XX, SNC-23XX, SNC-HD2XX, SNC-HD81X2, SNC-HD91X2, SNC-HD91XX, SNC-RX01N
Vivotek:	SD83x1E, SD83x2E, SD83x3E, VS8401
Zavio:	F3106, F7110

Notice:

4. New feature:
 - Onvif 1.02 PTZ feature is supported.
5. Bug fixed:
 - LevelOne FCS-5041: login in with wrong password will cause system crash.
6. Known issue:
7. Probe series don't support IO feature/audio in.
8. Shany series will show B/W image when set camera parameter very low quality in MJPEG codec.

Release Version v1.14.0 (2011/09/02)

Modules:

Device Pack v 1.14.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4 & 3.4.1 & 3.5.0

New Camera Supported:

ACTi:	KCM5211, KCM5311, KCM7211
Arecont:	AV1115, AV1125, AV2115, AV2125, AV3115, AV3125, AV5115, AV5125, AV10115
AXIS:	M3114-VE, Q6035, Q6035-E
CORUM:	CS-190-IO, CS-190-IP, CS-190-IW, CS-265-IO, CS-265-IP, CS-265-IW, CS-285-IP, CS-325-IO, CS-325-IP, CS-385-IO, CS-385-IP, CS-390-IO, CS-390-IP, CS-410-IP, CS-410-IW, CS-415-IP, CS-415-IW
Forenix:	ACDV-3VM501, AEP-Q2018H-IP, AEP-Q2018HW-IP, AEP-Q2026H-IP, AEP-Q2026HW-IP, AEP-Q2036H-IP, AEP-Q2036HW-IP, ASP-PTIR737-IP, ASP-PTIR737-LA-IP, ATCP-IRH5030C, ATCP-IRH5040C, ATCP-MH802, ATCP-MH802DN, ATCP-MH802DN/WI, ATCP-MH802WI, ATCP-VM501, B0100, B1100, C1100, C1100-W, D0100, D1100, D2100
Messo:	NIC910HPRO, NIC930HPRO, NIC950HPRO
SONY:	SNC-EP520, SNC-ER520, SNC-ER521, SNC-ER580
UDP:	IPE3500M, NVC4000, NVC4000-R12, NVC4000-R40
Vivotek:	IP8352, PZ81x1, PZ81x1W

Notice:

9. New feature:

- Onvif 1.02 support is officially released on Device Pack 1.14.0 but non-support PTZ feature.
- ACTi
TCD2500 supports PTZ feature.
- Grandstream
GXV series supports talk and PTZ features

10. Bug fixed:

- PANASONIC WV-NM100 has probabilities cause system crash.
- ACTi ACM1431 Audio disabled issue.

Release Version v1.13.0 (2011/08/02)

Modules:

Device Pack v 1.13.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4 & 3.4.1 & 3.5.0

New Camera Supported:

ACTi:	KCM7111
AXIS:	M5013, M5014, P5512, P5512-E, P5522, P5522-E
Brickcom:	VS-04A
Everfocus:	EQN2200, EQN2201
Grandstream:	GXV-3501, GXV-3504, GXV-3601, GXV-3601HD, GXV-3601LL, GXV-3611HD, GXV-3611LL, GXV-3615, GXV-3651, GXV-3662HD
Panasonic:	WV-SW352, WV-SW355
Pelco:	D-5118
Samsung:	SNP-3301, SNB-7000
Vivotek:	FE8171V

Notice:

11. New feature:

- **AXIS**
P1346, P5534 support AAC codec
- **Vivotek**
VS8102 supports continuous PTZ

12. Bug fixed:

- **Truen**
Adjust TCAM-570 PTZ moving distance sync with web client.
- **SAE**
DR-E588-HD18 can't control PTZ by joystick.
- **AXIS**
Supported Q7401 to 64 preset point.
- **Fine**
MainConsole will hang out when single TCP-VM501 setup four connections at the same time.

Release Version v1.12.0 (2011/07/01)

Modules:

Device Pack v 1.12.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4 & 3.4.1 & 3.5.0

New Camera Supported:

Everfocus: EAN3200, EHN3200, EDN3240, EZN3240
Samsung: SNB-1000, SND-7080, SNO-5080R, SNP-3120V, SNP-3370, SNP-3430H,
SNP-5200, SNP-5200H, SNV-5010, SNV-5080R, SNZ-5200
VIVOTEK: FD8162, FD8361L, FD8362, FD8362E, SD8362E

Notice:

13. Bug fixed:

- Fix Sony preset name length issue.
- Fix Panasonic WV-SP105 auto detect failure.

Release Version v1.11.0 (2011/05/31)

Modules:

Device Pack v 1.11.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4 & 3.4.1 & 3.5.0

New Camera Supported:

ACTi:	KCM5111, TCM4001
AXIS:	P3346, P3346-V, P3346-VE
CTCunion:	DVS-8501E, DVS-8504E
Panasonic:	DG-SF334, WV-SF342, WV-SF346
Samsung:	SNB-5000, SND-5080/F, SNV-3120, SNV-5080
Santec:	SNC-3903M, SNC-5321MIR, SNC-6163ID, SNC-6223MIR, SNC-6303M, SNC-P3603M
Sony:	SNC-DH110/B, SNC-DH110/W, SNC-DH110T/B, SNC-DH110T/W
Vidosec:	ICS-13, ICS-20F, ID-20
VIVOTEK:	IP8362, MD7530, VS8801
UDP:	NVC1000

Notice:

1. Bug fixed:
 - Fix Dallmeier preset function dump
 - ONVIF check startcode if using RTSP for H264 codec
 - Fix Vivotek IP 7133 can't use AAC codec issue

Release Version v1.10.0 (2011/04/15)

Modules:

Device Pack v 1.10.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4 & 3.4.1

New Camera Supported:

Arecont:	AV1325, AV2825, AV8185DN, AV8365DN
AXIS:	P1347, P1347-E, P5532, P5532-E, P5534-E, Q1921, Q1921-E
D-link:	DCS-6511, DCS-7410
Fine:	EDH-02H, SP-PTIR737-LA-IP, TCP-IR590-WD30, TCP-IR590-WD50, TCP-IRH5030C, TCP-IRH5040C
IQinvision:	IQ732N
Panasonic:	WV-SC384, WV-SC385, WV-SW395
Sony:	SNC-DH210/B, SNC-DH210/W, SNC-DH220, SNC-DH220T
vForge:	VFA1
VIVOTEK:	FD8133V, FD8134V, IP8151P, IP8162, IP8162P, MD7560

Notice:

1. Bug fixed:
 - ACTi CAM7301: auto detection failure issue.
 - Arecont Camera: auto detection failure issue.
 - Axis Q7401 sync preset point issue.
 - Dynacolor NH061: broken image issue (H.264/1280x720).
2. Bosch speed dome V4G series supported by Axis video server (test by model Q7404).

Release Version v1.9.0 (2011/02/28)

Modules:

Device Pack v 1.9.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4 & 3.4.1

New Camera Supported:

Arecont:	AV1315, AV2815
AXIS:	212 PTZ-V, 215 PTZ-E, 240Q Blade, 241Q Blade, 241S Blade, 243Q Blade, P1343-E, P1344-E, P1346-E, Q1755-E, Q6034-E
Lilin:	IPS025, IPS030, IPS035, IPS125, IPS130, IPS135, IPS203, IPS212
Panasonic:	WV-SP102, WV-SP105
Sony:	SNC-CH260, SNC-CH280, SNC-DH210T/B, SNC-DH210T/W, SNC-DH260, SNC-DH280

Notice:

1. Dallmeier DDZ40SM-HD: Add TCP connection, DI/DO and two-way audio.
2. Bug fixed: Panasonic WV-NS202A auto detection failure.

Release Version v1.8.0 (2010/12/31)

Modules:

Device Pack	v 1.8.0
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Supported Systems:

MainConsole	v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4
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New Camera Supported:

ACTi:	TCM7811,
Hikvision:	DS-2CD7133-E, DS-2CD7153-E
Levelone:	FCS-0040, FCS-3081, FCS-5051, FCS-5041, WCS-0040
Lilin:	IPD112ESX, IPD552EX, IPR414ESX, IPR418ESX, IPR454, IPR458
Sony:	SNC-CH110/B, SNC-CH110/S, SNC-CH220

Notice:

1. Bug fixed: Users can adjust Arecont camera's resolution by setting four video coordinate values. (Not support Arecont 8000 series cameras.)

Release Version v1.7.0 (2010/11/12)

Modules:

Device Pack v 1.7.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12 & v 3.4

New Camera Supported:

ACTi:	ACM5811, ACM7511, TCD2100, TCM3001, TCM3011, TCM3401, TCM3411, TCM4201, TCM5001, TCM7011
ARM:	MP13DDNWD, MP13VPDN
Camtron:	IPH3611N, NVE1000A, NVE2000A, NVE4000A
CryptoTelecom:	S-152
Dallmeier:	DDZ40SM-HD
Panasonic:	BL-C210, BL-C230, WJ-GXE500, WV-SF332, WV-SF335, WV-SF336, WV-SP302, WV-SP305, WV-SP306
Samsung:	SNS-100
Sony:	SNC-CH120, SNC-CH160, SNC-CH210/B, SNC-CH210/S, SNC-DH120, SNC-DH120T, SNC-DH140T, SNC-DH160, SNC-DH240T
Truen:	TCAM-570
VIVOTEK:	FD8133, FD8134, IP8132, IP8151, IP8330, IP8332, PZ7132, SD81X1

Notice:

1. Bug fixed: Panasonic WV-NP502 won't show error message when switching video codec to H.264.

Release Version v1.6.0 (2010/10/7)

Modules:

Device Pack v 1.6.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.12

New Camera Supported:

Arecont:	AV2805
Camtron:	CMNC-130, CMNC-200, CTNC-5358D, HLC-81A D/P, HLC-83V, HLC-83V/W HLC-84V, HLC-84V/W
Honeywell:	ACUIX, HCD554IP, HD3MDIP, HD4DIP, HD4MDIP, HNVE1
PELCO:	IX10
Pixord:	P600, P606, PB630, PD634, PL621, PV6901
SAE:	ANNA 200M, E588HDE18C, E688HDE10

Notice:

1. Bug fixed: Fine WB-8211SDU can use PTZ function.

Release Version v1.5.0 (2010/8/31)

Modules:

Device Pack v 1.5.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v3.3.11

New Camera Supported:

Brickcom: CB-100A, CB-100Ae, FB-100A, FB-100Ae, FD-100Ae, WCB-100Ae,

- Fine:** WFB-100Ae
CDV-3VM301, CDV-3VM501, CDV-3VWD960, CDV-3VWD960H, EP-601HW, EP-908HW, EP-936HW, EP-HTQ935, EP-Q2018H-IP, EP-Q2018HW-IP, EP-Q2026H-IP, EP-Q2026HW-IP, EP-Q2036H-IP, EP-Q2036HW-IP, MD-D1612, SP-PTIR737-IP, TCMA-99, TCMP-99, TCP-IPWD690, TCP-IPWD700DN, TCP-IRV540, TCP-IRV560/50M, TCP-MH802, TCP-VM201, TCP-VM501, WB-H811, WB-H814
- Hikvision:** DS-2CD702NF-E, DS-2CD702PF-E, DS-2CD712NF-E, DS-2CD712PF-E, DS-2CD732F-E, DS-2CD792NF-E, DS-2CD792PF-E, DS-2CD802N-IR1, DS-2CD802N-IR3, DS-2CD802N-IR5, DS-2CD802P-IR1, DS-2CD802P-IR3, DS-2CD802P-IR5, DS-2CD832F, DS-2CD832F-E, DS-2DF1-401H, DS-2DF1-402H, DS-2DF1-601H, DS-2DF1-602H, DS-2DF1-603H, DS-2DF1-604H, DS-2DF1-605H, DS-2DF1-606H, DS-2DF1-607H, DS-2DF1-611H, DS-2DF1-612H, DS-2DF1-613H, DS-2DF1-614H, DS-2DF1-615H, DS-2DF1-616H, DS-2DF1-617H, DS-2DM1-602H, DS-2DM1-603H, DS-2DM1-604H, DS-2DM1-612H, DS-2DM1-613H, DS-2DM1-614H, DS-6101HFI-SATA, DS-6104HCI, DS-6104HCI-SATA
- NetworkCamera:** GE-100-CB, GP-100-CB, WGE-100-CB, WGP-100-CB
- PELCO:** ID10, ID30, IDE20, IDS0, IE10, IE30, IEE10, IEE20, IES0, IMS0, IX30, IXE20, IXS0
- Sony:** SNC-RS44N, SNC-RS44P, SNC-RS46N, SNC-RS84N, SNC-RS84P, SNC-RS86N, SNC-RS86P, SNT-EP104, SNT-EX101
- Vidosec:** IBF-211, ID-209, IDA-210, IP-206M, IS-240

Notice:

1. Bug fixed: SANYO-HD5600P can change resolution.
2. Onvif supported: AXIS_P3301, Bosch_NWC-0455

Release Version v1.4.0 (2010/8/9)

Modules:

Device Pack v 1.4.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2 & v 3.3.11

New Camera Supported:

iCanTek: iCanView362MP, iCanView332MP, iCanView350MP, iCanServer612

SANTEC: SNC-3901MDN, SNC-P3601M

Release Version v1.3.0 (2010/7/21)

Modules:

Device Pack v 1.3.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2

New Camera Supported:

ACTi: TCM-1511

Arecont: AV10005
AXIS: M1103, M1113, M1054, Q6034
Panasonic: BB-HCM547A, BB-HCM701
SANTEC: SNC-6201M, SNC-5211MIR
Sony: SNT-EX154, SNT-EX101E, SNT-EP154, SNC-CH140, SNC-DH140, SNC-CH180,
SNC-CH240, SNC-DH240, SNC-RH164, SNC-RS46P

Notice:

1. Sony SNC-CH240, SNC-DH240 do not support resolution over 1920x1080

Release Version v1.2.0 (2010/6/8)

Modules:

Device Pack v 1.2.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2

New Features

1. Support Arecont I/O function

New Camera Supported:

ACTi:	ACM-3601, ACM-3603, ACM-3701, ACM-3703, ACM-4001 TCD-2500, TCM-4101, TCM-5312, TCM-1231, TCM-1232 TCM-5601, TCM-5611, TCM-3511, TCM-7411
Arecont:	AV3135, AV1310, AV2110, AV3110, AV5110
AXIS:	P1346, P5534, Q1910, Q1910-E, M1104, M1114 M3203, M3203-V, M3204, M3204-V, P3304, M7001
CNB:	IDC4000T, IVC4000T
IQeye:	IQ040S, IQ041S, IQ042S, IQD30S, IQD31S IQD40S, IQD41S, IQD42S, IQ540S, IQ541S, IQ542S
Panasonic:	BB-HCM100, BB-HCM110, BB-HCM580, BL-C140A
Samsung:	SNB-2000, SNB-3000, SND-3080, SNV-3080
Sanyo:	VCC-HD2500, VCC-HD2500P
Sony:	SNT-EX104, SNC-DH180, SNC-RH124
StarDot:	SDH500BN, SDH500B, SDH300B, SDH130BN, SDH130B SDH500VN, SDH500V, SDH300V, SDH130VN, SDH130V

Notice:

1. Bug Fixed: Fixed MainConsole unexpected crash issue with Mobotix Q24M-sec camera.

Release Version v1.1.1 (2010/5/12)

Modules:

Device Pack v 1.1.1

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2

New Camera Supported:

CNB: IBE3815NVR, IBE3815PVR, IBE5810NCR, IBE5810PCR

IDP4000VD, IDP4000VR, IDP4030VR, IGP1000, IGP1030
IJB2000, INS2000, IPM3063N, IPM3063P, ISMC1063N, ISMC1063P
ISS2765NW, ISS2765PW, IVP4000VR, IVP4030VR

LevelOne: FCS-7111

Release Version v1.1.0 (2010/5/4)

Modules:

Device Pack v 1.1.0

Supported Systems:

MainConsole v 3.3.0 & v 3.3.2

New Camera Supported:

ACTi: AMU-9401, AMU-9711, TMU-9811, TMU-9911

Bosch:	NW-455
Brickcom:	WCB-100A, WFB-100A, FD-100A
CISCO:	WVC210
Dynacolor:	nNH221, nNH061, V1, V6
Everfocus:	EAN-850A, EZN-850, EDN-800, EDN-850H, EAN900, EAN800AW, EAN800A EVS200A, EVS200AW, EPN2700, EPN3100, EPN3600
LevelOne:	FCS-3031, FCS-3051, FCS-1131, FCS-1141, FCS-3071, FCS-0030, WCS-0030 FCS-1121, FCS-3061, FCS-4020, FCS-1040 v3.0, WCS-2040 v3.0, FCS-1151
MOBOTIX:	D24M-Basic, D24M-IT, D24M-Sec
Panasonic:	BB-HCM705A, BB-HCM715A, BB-HCM735A
Samsung:	SNP-3300A
SanTec:	SNC-390DN/W, SNC-521IR/W, SNC-565IR/W, SNC-620/W, SNC-670ID/W
Sanyo:	VCC-HD3500, VDC-HD3500, VDC-HD3500p, VCC-HD2100, VCC-HD2100P VCC-HD2300, VCC-HD2300P, VDC-HD3100, VDC-HD3100P VCC-HD3300, VDC-HD3300, VDC-HD3300P, VCC-HD4600, VCC-HD4600P VCC-HD5400, VCC-HD5400P, VCC-HD5600, VCC-HD5600P
StarDot:	SD-130, SD-300, SD-500, SDEXP4, SDEXP2
VIVOTEK:	IP8161, VS8102, FD8161, FD8361

Notice:

1. Only compatible with NUUO MainConsole v3.3.0 above
2. Must install Main Console software before install device pack v1.1.0