

Release Version v2.2.1 (2009/12/24)

Bug Fixed

1. Guide to the correct download file for VC++2005
2. Fixed the video bug on GLC-1602H
3. Fixed the audio bug on Axis 207

Release Version v2.2 (2009/11/25)

New Features

1. Enhance live view / playback function
 - Support up to 128 channels live display on multiple monitors
 - Great diversity of live-viewing layouts
 - Support multiple views (duplicate channels for the same camera). Combined with digital PTZ, users are allowed to enlarge different spots and view them in different channels without failing to record the whole view
 - Support auto scan function
 - Show event log on the time line of video record, easy to search video with events
2. Support **Digital Watermark** to prevent recorded video files/snapshots from being tampered
3. Support DDNS service
4. Support SMTP port for mail service
5. Support Arecont UDP protocol and H.264 codec
6. Support Panasonic i-pro series and BL-series motion detection

System Improvement

1. [Browser] Compatible with **Internet Explorer 8**
2. [Camera Search] Mark the inserted cameras in search result
3. [Event & Action] Activation period of event can cover two days e.g. from 22:00 to 08:00
4. [Event & Action] Enhance disk status event, to distinguish abnormal disk status and exhausted disk space
5. [Event & Action] Add new system event "Power-on Notification" for recording the time of power turning on. Ex: Send E-mail when power resumes after power loss
6. [RAID Management] When there is an invalid volume, users can't do anything but deleting the invalid volume
7. [NVR Log] Record playback access information, including access time, playback video channels and time frame
8. [Load Configuration] Keep user account and privilege after uploading to default setting
9. [System Upgrade] Files in My Network Place are selectable on UI
10. [Live View/Playback] Tool tips for each button
11. [Install Wizard] Combine install wizard configure with install wizard. Before searching, users have no need to choose network interface when there are multiple network cards installed on remote PC

Bug Fixed

1. OSD can be displayed on video with H.264 compression format
2. Fixed the bug that bandwidth of SONY camera is fixed at 2Mbps automatically
3. Fixed the audio bug on Mobotix camera

New Camera Supported

1. ACTi: ACD2000Q, ACM1511, ACM3011, ACM3511, ACM4000, ACM4201, ACM8201, ACM8211, 1 / 6

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- TCM4301, TCM5311
2. Arecont: AV1355, AV3155, AV5155, AV8365
 3. Axis: M3014, P1311, P1344, P3343, P3343-V, P3343-VE, P3344, P3344-V, P3344-VE, Q6032-E, Q7404
 4. D-Link: DCS-1100, DCS-1130, DCS-6410, DCS-7510
 5. **Eneo**: GLC-1401, GLC-1601, GLC-1602H, GLD-1401, GLD-1501, GLS-2101
 6. Mobotix: Q24-Basic, Q24-Sec
 7. Panasonic: DG-NF282, DG-NF302, DG-NP240, DG-NP244, DG-NP304, DG-NS950, DG-NS954, DG-NW960, DG-NW964, WV-NF302, WV-NP304, WV-NP502, WV-NW502S
 8. **Samsung**: SNC-B2315, SNC-B5395, SNC-6225, SNC-7225, SNC-7478, SNC-M300
 9. **Toshiba**: IKWB21A, IKWB70A, IKWD01A
 10. Vivotek: FD7130, IP7130, IP7154, IP7160, IP7161, IP7330, PZ7111, PZ7121, PZ7131, SD7313, SD7323
 11. Zavio: B5110, B6110, D520E, D6111, F3100, F3105, F5100, F5105, F5110, F5115, F520E, F731E, P5110, P5115

Appendix

ACTi



Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
ACD2000Q	A4Q-220-V3 .02.04-AC	MPEG4 M-JPEG	4	720x480	One-way	2/2	Yes	Yes	No	
ACM1511		MPEG4 M-JPEG	1	1280x1024	One-way	0/0	No	Yes	No	Supported by design
ACM3011		MPEG4 M-JPEG	1	640x480	One-way	0/0	No	Yes	No	Supported by design
ACM3511		MPEG4 M-JPEG	1	1280x1024	One-way	0/0	No	Yes	No	Supported by design
ACM4000		MPEG4 M-JPEG	1	640x480	One-way	0/0	No	Yes	No	Supported by design
ACM4201		MPEG4 M-JPEG	1	1280x1024	One-way	0/0	No	Yes	No	Supported by design
ACM8201	A1D-220-V3 .10.22-AC	MPEG4 M-JPEG	1	1280x1024	One-way	1/1	Yes	Yes	No	Supported by design
Note:	A1D-220-V3.09.14-AC: There is problem at 160x112 resolution.									
ACM8211	A1D-220-V3 .09.14-AC	MPEG4 M-JPEG	1	1280x1024	One-way	1/1	Yes	Yes	No	
TCM4301	A1D-310-V4 .05.13-AC	MPEG4 M-JPEG H.264	1	1280x1024	One-way	0/0	No	Yes	No	Supported by design
TCM5311	A1D-310-V4 .05.13-AC	MPEG4 M-JPEG H.264	1	1280x960	One-way	1/1	No	Yes	No	
Note:	ACD / ACM series cameras do not support FW 3.11.11.									
Note:	Only two I/O are shown on the interface as adding one channel on devices with I/O function.									

Arecont



Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
AV1355	65130	M-JPEG H.264	1	1280x1024	No	0/0	No	Yes	No	Supported by design
AV3155	65130	M-JPEG H.264	1	2048x1536	No	0/0	No	Yes	No	
AV5155	65130	M-JPEG H.264	1	2560x1600	No	0/0	No	Yes	No	

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AV8365	65026	M-JPEG H.264	4	1600x1184	No	0/0	No	Yes	No	Supported by design
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Axis



Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remark
M3014		M-JPEG H.264	1	1280x800	No	0/0	No	Yes	Yes	Supported by design
P1311	5.01	MPEG4 M-JPEG H.264	1	640x480	One-way	1/1	No	Yes	Yes	
P1344		M-JPEG H.264	1	1280x800	One-way	1/1	No	Yes	Yes	Supported by design
P3343		M-JPEG H.264	1	800x600	One-way	1/1	Yes	Yes	Yes	Supported by design
P3343-V		M-JPEG H.264	1	800x600	One-way	1/1	Yes	Yes	Yes	Supported by design
P3343-VE		M-JPEG H.264	1	800x600	One-way	1/1	Yes	Yes	Yes	Supported by design
P3344	5.06	M-JPEG H.264	1	1280x800	One-way	1/1	Yes	Yes	Yes	
P3344-V	5.06	M-JPEG H.264	1	1280x800	One-way	1/1	Yes	Yes	Yes	
P3344-VE	5.06	M-JPEG H.264	1	1280x800	One-way	1/1	Yes	Yes	Yes	

Note: P3343 and P3344 series cameras support digital PTZ only.

Q6032-E	5.05	M-JPEG H.264	1	704x576	No	0/0	Yes	Yes	Yes	
Q7404	5.02	M-JPEG H.264	4	768x576	One-way	1/1	Yes	Yes	Yes	

D-Link



Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
DCS-1100	1.00	MPEG4 M-JPEG	1	640x480	One-way	0/0	No	Yes	Yes	Supported by design
DCS-1130	1.00	MPEG4 M-JPEG	1	640x480	One-way	0/0	No	Yes	Yes	Supported by design
DCS-6410	1.00	MPEG4 M-JPEG	1	704x576	One-way	2/1	No	Yes	Yes	Supported by design
DCS-7510	1.00	MPEG4 M-JPEG	1	704x576	One-way	2/1	No	Yes	Yes	Supported by design

Eneo





Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
GLC-1401	1.42	MPEG4 M-JPEG	1	720x576	One-way	1/0	Yes	Yes	Yes	Supported by design
GLC-1601	1.43	MPEG4 M-JPEG	1	720x576	One-way	1/0	Yes	Yes	Yes	
GLC-1602 H	1.40	M-JPEG	1	720x576	One-way	1/0	Yes	Yes	Yes	Supported by design
GLD-1401	1.40	MPEG4 M-JPEG	1	720x576	No	1/0	No	Yes	Yes	
GLD-1501	1.43	MPEG4 M-JPEG	1	720x576	One-way	1/0	No	Yes	Yes	Supported by design
GLS-2101	1.45	MPEG4 M-JPEG	1	720x576	One-way	1/0	Yes	Yes	Yes	


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Note: PTZ is only supported by external RS-485 device.

Mototix										
										
Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remark
Q24-Basic		M-JPEG MxPEG	1	640x480	One-way	0/0	No	Yes	No	Supported by design
Q24-Sec	MX-V4.0.1.7	M-JPEG MxPEG	1	2048x1536	One-way	0/0	No	Yes	No	

Panasonic										
										
PSS										
Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
DG-NF282		MPEG4 M-JPEG	1	640x480	One-way	0/0	No	Yes	No	Supported by design
DG-NF302	1.5	MPEG4 M-JPEG	1	1280x960	One-way	0/0	No	Yes	No	Supported by design
DG-NP240		MPEG4 M-JPEG	1	640x480	One-way	0/0	No	Yes	No	Supported by design
DG-NP244		MPEG4 M-JPEG	1	640x480	One-way	0/0	No	Yes	No	Supported by design
DG-NP304	1.5	MPEG4 M-JPEG	1	1280x960	One-way	0/0	No	Yes	No	Supported by design
DG-NS950	1.5	MPEG4 M-JPEG	1	640x480	One-way	0/0	Yes	Yes	No	Supported by design
DG-NS954	1.5	MPEG4 M-JPEG	1	640x480	One-way	0/0	Yes	Yes	No	Supported by design
DG-NW960	1.5	MPEG4 M-JPEG	1	640x480	One-way	0/0	Yes	Yes	No	Supported by design
DG-NW964	1.5	MPEG4 M-JPEG	1	640x480	One-way	0/0	Yes	Yes	No	Supported by design
WV-NF302	1.40E4_1.06	MPEG4 M-JPEG	1	1280x960	One-way	0/0	No	Yes	No	
WV-NP304	1.50E5_1.06	MPEG4 M-JPEG	1	1280x960	One-way	0/0	No	Yes	No	
WV-NP502	1.00	MPEG4 M-JPEG H.264	1	2048x1536	One-way	0/0	No	Yes	No	
WV-NW502S	1.00	MPEG4 M-JPEG H.264	1	2048x1536	One-way	0/0	No	Yes	No	

Samsung										
										
Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
SNC-B2315	2.01	MPEG4 M-JPEG	1	720x576	One-way	2/2	No	Yes	No	
SNC-B5395	2.10	MPEG4 M-JPEG	1	720x576	One-way	2/2	No	Yes	No	
SNC-6225	1.01	MPEG4 M-JPEG	1	720x576	One-way	2/1	Yes	Yes	No	
SNC-7225	1.01	MPEG4 M-JPEG	1	720x576	One-way	2/1	Yes	Yes	No	Supported by design
SNC-7478	1.01	MPEG4 M-JPEG	1	720x576	One-way	8/4	Yes	Yes	No	
SNC-M300	2.11	MPEG4 M-JPEG	1	2048x1536	One-way	2/2	No	Yes	No	

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Toshiba

TOSHIBA

Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
IKWB21A	2.09.E.200.121	M-JPEG	1	1280x960	Yes	0/0	Yes	No	No	
IKWB70A	0100e	MPEG4 M-JPEG	1	640x480	One-way	1/1	No	Yes	Yes	
IKWD01A	0100a	MPEG4 M-JPEG	1	640x480	One-way	1/1	No	Yes	Yes	

Vivotek



Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
FD7130	0100e	MPEG4 M-JPEG	1	640x480	No	0/0	No	Yes	Yes	
IP7130	0100c	MPEG4 M-JPEG	1	640x480	One-way	1/1	No	Yes	Yes	
IP7154	0100b	MPEG4 M-JPEG	1	640x480	One-way	1/1	Yes	Yes	Yes	
IP7160	0101b	MPEG4 M-JPEG	1	1600x1200	One-way	1/1	No	Yes	Yes	
IP7161		MPEG4 M-JPEG	1	1600x1200	One-way	1/1	No	Yes	Yes	Supported by design
IP7330		MPEG4 M-JPEG	1	640x480	No	1/0	No	Yes	Yes	Supported by design
PZ7131	0100b	MPEG4 M-JPEG	1	640x480	One-way	1/1	Yes	Yes	Yes	
PZ71X1		MPEG4 M-JPEG	1	704x576	One-way	1/1	Yes	Yes	Yes	Supported by design
SD73X3		MPEG4 M-JPEG	1	704x576	One-way	4/1	Yes	Yes	Yes	Supported by design

Note: MPEG4: Unable to connect through HTTP.

Note: Audio: All cameras don't support AAC audio codec, but GSM-AMR.

Zavio



Device Name	Tested Firmware	Video Format	Video Channels	Max Resolution	Audio	I/O Channels	PTZ Support	On-Edge Motion	UPnP	Remarks
B5110	MG.0.6.01_C1	MPEG4 M-JPEG H.264	1	1280x1024	One-way	1/1	No	Yes	Yes	Supported by design
B6110	MG.0.6.01_C1	MPEG4 M-JPEG H.264	1	1280x1024	One-way	1/1	No	Yes	Yes	Supported by design
D520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	One-way	1/1	No	Yes	Yes	Supported by design
D6111	MG.0.6.01_C1	MPEG4 M-JPEG H.264	1	1280x1024	One-way	1/1	No	Yes	Yes	Supported by design
F3100	MG.0.6.01_C1	MPEG4 M-JPEG H.264	1	1280x1024	One-way	0/0	No	Yes	Yes	Supported by design
F3105	MG.0.6.01_C1	MPEG4 M-JPEG H.264	1	1280x1024	One-way	0/0	No	Yes	Yes	Supported by design
F5100	MG.0.6.01_C1	MPEG4 M-JPEG H.264	1	1280x1024	One-way	1/1	No	Yes	Yes	Supported by design

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F5105	MG.0.6.01_ C1	MPEG4 M-JPEG H.264	1	1280x102 4	One-way	1/1	No	Yes	Yes	Supported by design
F5110	MG.0.6.01_ C1	MPEG4 M-JPEG H.264	1	1280x102 4	One-way	1/1	No	Yes	Yes	Supported by design
F5115	MG.0.6.01_ C1	MPEG4 M-JPEG H.264	1	1280x102 4	One-way	1/1	No	Yes	Yes	Supported by design
F520E	LM.1.6.16.0 3	MPEG4 M-JPEG	1	640x480	One-way	1/1	No	Yes	Yes	Supported by design
F731E	LM.1.6.16.0 3	MPEG4 M-JPEG	1	640x480	One-way	1/1	No	Yes	Yes	Supported by design
P5110	MG.0.6.01_ C1	MPEG4 M-JPEG H.264	1	1280x102 4	One-way	1/1	Yes	Yes	Yes	Supported by design
P5115	MG.0.6.01_ C1	MPEG4 M-JPEG H.264	1	1280x102 4	One-way	1/1	Yes	Yes	Yes	