

Release Notes

Product E5016/E5016H

Revision History:

Y/M/D	Author	NVR version	IP cam patch version
2015/09/15	Vivian	2.3.1039.40	2.7.1026.28
2015/05/22	Chris	2.3.1028.36	2.7.1022.26
2014/12/08	Chris	2.3.1027.28	2.7.1015.18
2014/11/17	Chris	2.3.1026.27	2.5.1013.15
2014/08/15	Chris	2.3.1025.26	2.5.106.13
2014/08/01	Chris	2.3.1023.25	2.5.106.11
2014/05/15	Stanley Lin.	2.1.1019.23	2.3.104.5
2014/03/04	Stanley Lin.	2.1.1014.19	1.7.103.4
2013/12/28	Stanley Lin.	1.5.108.14	1.3.107.12
2013/10/28	Stanley Lin.	1.5.108.13	1.3.107.12
2013/08/21	Peter	1.3.100.8	1.1.100.5
2013/06/19	Peter	16.01.00.00.08C	11.1.1010.14

Ps The latest update should be listed on the top

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Product	E5016/E5016H
Version	2.3.1039.40
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Upgrade IPCam Patch to support AVer SD2026 2. Increase new function: (1) Integrate Stationmaster POS protocol (2) Support POS baud rate 2400 and 4800 (3) Support POS font size & display position setting (4) Support AVer System controller (5) Add PTZ preset points up to 256. (6) Support 2nd monitor preview(16CH) 3. Fixed bug: (1) HDD size over 12T causes playback catalog buffer out of range.
Known Issues	1. Schedule backup to NAS will increase system loading obviously, it will effect system performance of another function.

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Product	E5016/E5016H
Version	2.3.1028.36
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Upgrade IPCam patch to support AVer FB2026. 2. Increase new function: (1) Support NVR motion detection, it's good fit for 3rd party camera. (2) Increase IVA recording setting. (3) Increase hard disk failed alarm. (4) E-Map's icon support preview function. (5) Increase schedule backup to NAS. (6) Support POS key word alarm setting. (7) Support ACS setting (only for Russia customer). (8) Add recording authority in control right setting. (9) Increase POS erase setting. 3. Improvement: (1) real-time to sync record streaming when dragging the time scroll bar in playback mode. (2) Only display AVer protocol when searched AVer homemade camera. (3) Revised Epson POS protocol integration. (4) User can select which streaming they want when connect to ED5000(AVer fisheye camera) in camera setting.
Known Issues	2. Schedule backup to NAS will increase system loading obviously, it will effect system performance of another function.

Release Notes

Product	E5016/E5016H
Version	2.3.1027.28
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Upgrade IPCam patch, support AVer FB1026, FC1000, FC1000-1, FD2000-1, FD2000-2, FD2000-3.
Known Issues	NA

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Product	E5016/E5016H
Version	2.3.1026.27
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Upgrade IPCam patch. (1)AVer protocol support G.726. (2)RTSP protocol support G.726. (3)fixed UI crash issue when setting ROI function. 2. NVR bug fixed: (1)PTZ preset point can't save. (2)HD recycle function error, can't delete correct recording data. (3)NVR reboot automatically caused by execute remote backup function. (4)NVR will auto reboot when connect to analog camera and using iSCSI function concurrently. (5)Image enlarge function can't work after time sync execution. (6)fix compatible issue with Luxe analog PTZ camera.
Known Issues	1. PCViewer doesn't support auto re-connection and might cause browser crash when disconnected.

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Product	E5016/E5016H
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Release Notes

Product	E5016/E5016H
Version	2.3.1025.26
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Upgrade IPCam patch. 2. Revise the package of system language. 3. Support network POS function
Known Issues	1. PCViewer doesn't support auto re-connection and might cause browser crash when disconnected.

Release Notes

Product	E5016/E5016H
Version	2.3.1025.26
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	4. Upgrade IPCam patch. 5. Revise the package of system language. 6. Support network POS function
Known Issues	2. PCViewer doesn't support auto re-connection and might cause browser crash when disconnected.

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Product	E5016/E5016H
Version	2.3.1023.25
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Support AVer IP camera FD1020, FC1020-P, FC2020-P1. 2. Fixed stop recording problem. 3. Fixed PCViewer port issue(can only use 80 port). 4. Fixed the system restart issue when backup. 5. Fixed the crash issue when camera number is over 64 on camera list.
Known Issues	1. Cannot disable “overwrite” function in this version. 2. PCViewer doesn’t support auto re-connection and might cause browser crash when disconnected.

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Product E5016/E5016H

Version 2.3.1019.23

Introduction Global release

Hardware E5016, E5016H

Compatibility

Operating Systems N/A

Compatibility List N/A

Change Log

1. New features
 - (1)Optimized Recording mode. (**Only for AVer IPCAM**)
 - (2)Recording management
 - (3)Extend-monitor Display
 - (4)Factory default
2. Support RAID 5 (***Need HW upgrade**)
3. New Font
4. Modify PTZ setting method at preview/playback mode.
5. PCViewer Version: 2.1.100.5
 - (1)Support cross Firefox 26+, Chrome31+
 - (2)Support 2-way audio
 - (3)Display internet bandwidth and average FPS

Known Issues

1. FW upgrading process will format all HDDs.
2. Cannot disable “overwrite” function in this version.
3. PCViewer doesn’t support auto re-connection and might cause browser crash when disconnected.

Others

New

New

Brand / Series	HDD Model
WD / Purple	WD40PURX
WD / RED	WD40EFRX
WD / Green Power	WD10EADS
WD / Caviar Blue	WD10EALX
WD / Caviar Black	WD2002FAEX
Seagate / Desktop HDD	ST1000DM003

Product

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Seagate / Desktop HDD	ST4000DM000
WD / AV-GP	WD10EURX
WD / AV-GP	WD10EURX
WD / AV-GP	WD20EURS
WD / AV-GP	WD30EURS
Seagate / SV35	ST1000VX000
Seagate / SV35	ST2000VX000
Seagate / SV35	ST3000VX000
WD / Red	WD30EFRX
WD / Red	WD20EFRX
WD / Red	WD10EFRX
WD / Blue	WD5000AAKX
WD / Green	WD30EZRX
WD / Green	WD20EARX
WD / Green	WD20EZRX
WD / Green	WD15EZRX
WD / Green	WD15EARX
WD / Green	WD10EZRX
WD / Green	WD10EARX
WD / Black	WD4001FAEX
WD / Black	WD3001FAEX
WD / Black	WD2002FAEX
WD / Black	WD1002FAEX
Toshiba / Client	DT01ACA300
Toshiba / Client	DT01ACA200
Toshiba / Client	DT01ACA100
Toshiba / Harrier	MG03ACA400
Toshiba / Harrier	MG03ACA300
Toshiba / Harrier	MG03ACA200
Toshiba / Harrier	MG03ACA100
Toshiba / AV	DT01ABA300V
Toshiba / AV	DT01ABA200V
Toshiba / AV	DT01ABA100V
HGST / Deskstar 7K1000.C	HDS721010CLA332

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HGST / Deskstar 7K1000.C	HDS721010CLA632
HGST / Ultrastar	HUS724040ALA640
HGST / Ultrastar	HUA723030ALA640
HGST / Ultrastar	HUA723020ALA640
HGST / Ultrastar	HUA722010CLA330

Release Notes

Product	E5016/E5016H
Version	2.1.1014.19
Introduction	Global release
Hardware Compatibility	E5016, E5016H
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. CM5000 integration: (1)MFZ setting (2)Camera Settings-Analog (3)Remote Schedule backup (daily) (4)Q-player PTZ 2. UI adjustment: (1)New Storage UI. (2)Cancel Function: Double-click Camera at UI tree. (3)Display Hybrid Card FW number. 3. Support iSCSI: 1 target, 4LUN. 4. Alarm action: Upload file to Youtube & Dropbox. 5. E-PTZ: Fixed picture's Aspect Ratio as monitor's Aspect Ratio.
Known Issues	1. Cannot disable “overwrite” function in this version. 2. User always has “Administrator” level authority when using CM5000 or PCViewer log in to E5000 series NVRs.
Others	N/A

Release Notes

Product	E5016/E5016H
Version	1.5.108.14
Introduction	Global release
Hardware Compatibility	E5016
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Support WebViewer. (Preview mode.)
Known Issues	1. System has chance to auto-reboot when connecting with SF2111H-R cameras. 2. System has chance to auto-reboot when upgrading firmware from CM5000. 3. E-PTZ is unable to operate at Q-player. 4. Cannot execute "Pre-record" function in this version. 5. Cannot disable "overwrite" function in this version. 6. Not support "Remote access time" and "Visible Camera" authority control by WebViewer. 7. Do not switch split mode too quickly in a short time.
Others	N/A

Release Notes

Product	E5016/E5016H
Version	1.5.108.13
Introduction	Global release
Hardware Compatibility	E5016
Operating Systems	N/A
Compatibility List	N/A
Change Log	1. Support 3MegaPixels IPCAMs. 2. Camera configuration new features A. AE Profile B. MFZ 3. E-MAP Management 4. Able to "Delete" cameras of Camera Management List 5. E-PTZ at Preview and Playback mode. 6. RAID 0/1 7. USB support external DVD backup (Not support Blue-Ray DVD)
Known Issues	1. System has chance to auto-reboot when connecting with SF2111H-R cameras. 2. System has chance to auto-reboot when upgrading firmware from CM5000. 3. E-PTZ is unable to operate at Q-player. 4. Cannot execute "Pre-record" function in this version. 5. Cannot disable "overwrite" function in this version.
Others	N/A

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Release Notes

Product	E5016/E5016H
Version	1.3.100.8
Introduction	Official release (Version 1.3)
Hardware Compatibility	E5016
Operating Systems	N/A
Compatibility List	N/A
Change Log	IP Camera Setting Improvement 1. Active IP (Plug-n-Play) 2. AE/AWB Control (AVer 2M IP Cam) 3. ROI/Smart Stream (AVer 2M IP Cam) 4. Motion Detection (AVer 2M IP Cam) 5. Privacy Mask (AVer 2M IP Cam) 6. 2-way audio (AVer 2M IP Cam) UI changes: 1. Life View/Playback Interface 2. Setting Guide 3. Log Management H.S.I module 1. New ONVIF IP CAM patch
Known Issues	1. Please note not to power off when doing FW upgrading. It will lead FW upgrading fail and not to upgrade it again. 2. Please do not connect Arecont camera since it will cause system crash. 3. Cannot execute "Pre-record" function in this version 4. Cannot disable "overwrite" function in this version. 5. Rush current issue: Please follow our suggestion to use below HDD models to prevent system boot fail. (As for HDD models, please refer to page 6) 6. If using CM5000 version (1.1.100.12), please do not execute remote

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FW upgrade since it will cause upgrade fail.

7. When upgrading E5016 FW from "I6.01.00.00.08C" to "1.3.100.8", please use "Recovery way" to run it
8. When executing backup to get files from E5016 and playing it with Qplayer in PC side, the image will not be smooth enough.

Others	N/A
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Product E5016/E5016H

Version I6.01.00.00.08C

Introduction Official release

Hardware E5016

Compatibility

Operating Systems N/A

Compatibility List N/A

Change Log

System:

1. Fix error about UPnP fail
2. Fix error about POS loading issue
3. Fix error about Time sync behavior (NTP issue)
4. Revise some mechanism related to connecting CM5000, including upgrade fail about IPCAM module/system setting/Config update

Storage:

1. Reduce CPU loading when executing HDD format
2. Fix error related to get MJPEG video streaming
3. Revise mechanism to make sure E5016 boot without problems in HDD error condition °
4. Revise some mechanisms to make sure recording function work well
5. Fix errors which cause stopping recording when removing the HDD that did not do recording function

UI:

1. Fix error of POS log viewer
2. Fix error related to see partial EMAP
3. Fix error related to see blur image
4. Fix error when switching Compact/Advanced mode

IPCAM module

1. Fix error related to PTZ function

Release Notes

Product **E5016/E5016H**

- Known Issues
1. Please note not to power off when doing FW upgrading. It will lead FW upgrading fail and not to upgrade it again.
 2. Please do not connect Arecont camera since it will cause system crash.
 3. Cannot execute "Pre-record" function in this version
 4. Cannot disable "overwrite" function in this version.
 5. Rush current issue: Please follow our suggestion to use below HDD models to prevent system boot fail.

Others HDD compatibility list:

Brand / Series	HDD Model (≤ 7200 rpm) (3.5-inch)
WD / Green Power	WD10EADS
WD / Caviar Blue	WD10EALX
WD / Caviar Black	WD2002FAEX
Seagate / Desktop HDD	ST1000DM003
Seagate / Desktop HDD	ST4000DM000
WD / AV-GP	WD10EURX
WD / AV-GP	WD10EURX
WD / AV-GP	WD20EURS
WD / AV-GP	WD30EURS
Seagate / SV35	ST1000VX000
Seagate / SV35	ST2000VX000
Seagate / SV35	ST3000VX000
WD / Red	WD30EFRX
WD / Red	WD20EFRX
WD / Red	WD10EFRX
WD / Blue	WD5000AAKX
WD / Green	WD30EZRX
WD / Green	WD20EARX
WD / Green	WD20EZRX
WD / Green	WD15EZRX
WD / Green	WD15EARX
WD / Green	WD10EZRX
WD / Green	WD10EARX

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WD / Black	WD4001FAEX
WD / Black	WD3001FAEX
WD / Black	WD2002FAEX
WD / Black	WD1002FAEX
Toshiba / Client	DT01ACA300
Toshiba / Client	DT01ACA200
Toshiba / Client	DT01ACA100
Toshiba / Harrier	MG03ACA400
Toshiba / Harrier	MG03ACA300
Toshiba / Harrier	MG03ACA200
Toshiba / Harrier	MG03ACA100
Toshiba / AV	DT01ABA300V
Toshiba / AV	DT01ABA200V
Toshiba / AV	DT01ABA100V
HGST / Deskstar 7K1000.C	HDS721010CLA332
HGST / Deskstar 7K1000.C	HDS721010CLA632
HGST / Ultrastar	HUS724040ALA640
HGST / Ultrastar	HUA723030ALA640
HGST / Ultrastar	HUA723020ALA640
HGST / Ultrastar	HUA722010CLA330

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