New Firmware for AirLive Surveillance Products

3MP/5MP cameras such as BC-5010, MD-3025, BU-3026 demands more system resource on the NVR.   Therefore, the numbers of supported 3MP/5MP cameras are usually not up to the maximum channels of the NVR.   This is the standard limitation in the industry.   16-channel NVR usually support 16-channel Full HD cameras but only support 8-channel or less 3MP/5MP cameras.

In the past month, AirLive has developed new camera firmwares that reduce the loading when working with AirLive CoreNVR 9 or CoreNVR 16.   This enable maximum number of channels to be used even at the highest resolutions.   In addition, we have put those cameras and CoreNVR into long term test with maximum connected cameras for over 4 weeks.   So you can upgrade with confidence.   In addition, our new QC standard requires each new cameras and NVR to be tested for 72 hours before shipping.   It is the industry's most stringent quality control standard.

Please download and upgrade the firmwares according to the table below:

Models	Firmware Version	Download Link	Important Notice
BC-5010	V.228	Click Here	Much Improved Stability and video quality when working with CoreNVR at 3MP and 5MP resolutions.
BC-5010-IVS	V.228	Click Here	Much Improved Stability and video quality when working with CoreNVR at 3MP and 5MP resolutions.
MD-3025, MD-3025-IVS	V.225	Click Here	Much Improved Stability and video quality when working with CoreNVR at 3MP resolution.
BU-3026, BU-3026-IVS	V.226	Click Here	Much Improved Stability and video quality when working with CoreNVR at 3MP resolution.
CoreNVR 9	2.0.0.1492	Click Here	Fix OCX expire issue, Improve camera search, Add playback function in live view, Fix Hard Disk size display error, Improve ONVIF compatibility, add new Fisheye camera support
CoreNVR 16	2.0.0.1492	Click Here	Fix OCX expire issue, Improve camera search, Add playback function in live view, Fix Hard Disk size display error, Improve ONVIF compatibility, add new Fisheye camera support
MD-720	M2.1.6.05C023	Click Here	Improve night mode quality.
DM-720	M2.1.6.05C023	Click Here	Improve night mode quality
BU-720	M2.1.6.05C021	Click Here	Improve night mode quality

After firmware upgrade, please do a "Factory Reset" on the firmware.   For remote upgrade without losing IP address.   Please choose "Factory reset... (Excluding Network Settings and Account)" as image below.   It will preserve the IP address information.   However, it still requires to reconfigure other settings.
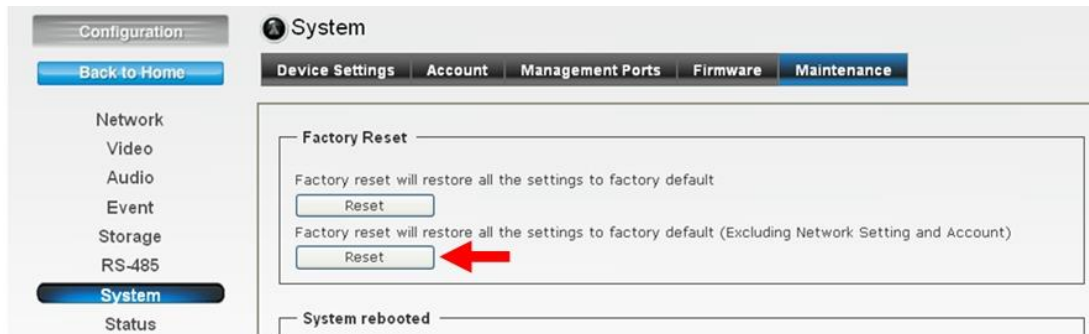
Bit Rate Settings

On the CoreNVR's Camera Parameter Settings(check attached JPG
file).   Please follow the table below to set the best configurations: Please
notice specifically the red color warning part.

CoreNVR Recommended Setting For SDK1 (BC-5010, BC-5010-IVS, BU-3026, BU-3026-IVS, MD-3025, MD-3025-IVS)				
CoreNVR Settings	Best Quality Settings		Low Storage Settings	
Resolutions	Rate Control	Quality	Rate Control	Values
5MP*	VBR	High	CBR	3000
3MP	VBR	Highest	CBR	3000
2MP	VBR	Highest	CBR	3000
Please choose 1MP(720P) or 2MP resolutions when the IVS function is turned on *BC-5010 is recommended to operate at 3MP for best balance between quality and stability.				