

AFM-IWSBN-S-128CH

Windows-based Network Video Recorder



Features

- ◆ Support 128CH D1, 80CH 720P, 64CH 1080P, 32CH 5MP
- ◆ Support 16 SATA II hard disks, capacity up to 96TB
- ◆ 2 x 1 GB Ethernet Port, Max. support 4 Ethernet interfaces
- ◆ Support RAID 0, 1, 10, 5, 6 and volume extension online
- ◆ Video compression: MJPEG/ MPEG4/ H.264 (base line/main/high profile)
- ◆ Audio compression: G.711, G.726, G.723, G.722, PCM, ADPCM
- ◆ Resolution: CIF, 2CIF, 4CIF, D1/DVI, HD
- ◆ Support dual stream
- ◆ Support software centralized management for hardware (SCM) and U-backup function for data
- ◆ 1 HDMI/DVI port for display
- ◆ Support IP camera, DVS (encoder, decoder), DVR, NVR in same system
- ◆ Support Peko, BOSCH, ACTi, AXIS, Arecont, SAMSUNG etc.

Specification

System	
Management Software	Multi-level structure management software
Compatibility	IPC, DVS, DVR, NVR
	AFMVISION , ACTi, AXIS, Arecont, BOSCH, Pelco, SAMSUNG Etc
Video Input	128CH D1, 80CH 720P, 64CH 1080P, 32CH 5MP
Encoding and decoding Parameter	64ch x 1.5Mbps recording, transmitting + 16ch replay back
	40ch x 4Mbps recording, transmitting
	24ch x 4Mbps recording, transmitting + 16ch replay back
	16ch x 6Mbps recording, transmitting + 12ch replay back
Hardware	
Storage Controller	Intel Xeon 3400 (Four Core / Dual Core CPU)
Cache Memory	4GB (standard), 48GB (Max.)
Hard Disk Capacity	16 pcs SATA II hard disk, 96TB
Graphic Card	768MB Memory, GDDR3, 192-bit, 1 Monitor Output
RAID	RAID 0, 1, 10, 5, 6, support volume extension online
Audio	
Audio Compression	G.711, G.726, G723, G722, PCM, ADPCM
Video	
Video Compression	MJPEG MPEG4 H.263 H.264 (base line/main/high profile)
Resolution	CIF, 2CIF, 4CIF, D1/VGA, HD
Stream	Support dual stream
Interface	
Network	2pcs 1000M Ethernet port for host communication can be expanded up to 4 pcs.
HDMI/DVI	1pcs
Hard disk interface	SAS/SATA, support HDD Smart
USB	2pcs USB2.0
Communication	
Protocol	TCP/IP, UDP, RTP, RTCP, RTSP, HTTP, DHCP, NTP
PTZ protocol	Support Pelco P/D, Panasonic
Power	
Power consumption	Full load up to 300W(With HDD), Non-Load up to 280W(Without HDD)
Power supply	100—240VAC(+/-10%) 47~63HZ, Dual redundant, hot swappable
Dimension & Weight	
Dimension (H×W×D)	3U 19" Rack mount
	132.5mm (H) *482.6mm (W) * 700mm (D)
Weight	19kg±5% (exclude hard disk)
Environment	
Working Temperature	10°C ~ 35°C
Storage Temperature	0°C ~ 50°C

Working Humidity	20%~80% (non-condensation)
Storage Humidity	10%~90% (non-condensation)
JBOD (AFM-IWSBN-S-128CH)	
JBOD	Support 2pcs JBOD
Hard Disk Capacity	16pcs SATA II hard disk, up to 96TB
Dimension (H×W×D)	3U 19" Rack mount
	132.5mm (H) *482.6mm (W) * 700mm (D)
Weight	19kg±5% (exclude hard disk)
Power consumption	Full load up to 220W(With HDD), Non-Load up to 200W(Without HDD)
Power supply	100—240VAC(+/-10%) 47~63HZ, Dual redundant, hot swappable

Capacity Calculation

Resolution	Typical Bit rate	Time	Net capacity	HDD capacity
3MP@20fps	6~8Mbps	1 Hour	3.52GB	4.34GB
1920*1080@30fps	6Mbps	1 Hour	2.64GB	3.26GB
1280*720@25fps	4Mbps	1 Hour	1.76GB	2.17GB
1280*720@15fps	2~2.5Mbps	1 Hour	0.88GB	1.09GB
704*576@25fps	1.5~2Mbps	1 Hour	0.66GB	0.81GB
704*576@15fps	1Mbps	1 Hour	0.44GB	0.54GB
352*288@25fps	0.5~1Mbps	1 Hour	0.33GB	0.41GB
352*288@15fps	0.375Mbps	1 Hour	0.16GB	0.20GB