

AMX-7A128R-I

128 Channel 4K Network Video Recorder



WEC features a new logical and visualized GUI design. This NVR Adopts professional embedded hardware and software, and pioneering dual-OS design to ensure the reliability of system running. It supports redundant power supply to improve the system stability. It supports HDD hot swap with RAID0, RAID1, RAID5, RAID 6, and RAID10 storage scheme configurable. Either normal or hot spare working mode is configurable to constitute an N+1 hot spare system.



MODEL(S) AVAILABLE

KEY FEATURES

- ▶ H.265+/H.265/H.264+/H.264/MPEG4 video formats
- ▶ Support live view, storage, and playback of the connected camera at up to 12 megapixels resolution.
- ▶ Up to 128 IP cameras can be connected.
- ▶ H.265+ compression effectively reduces the storage space by up to 75%.
- ▶ Simultaneous HDMI 1/VGA output as the main output and the HDMI 2 works as the auxiliary output.
- ▶ Centralized management of IP cameras is supported, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- ▶ Up to 16 SATA interfaces and 1 eSATA interface provided for HDD connection.

Product Specifications

Video/Audio Input and Output

IP Video Input	128 Channels
IP Camera Resolution	12 Megapixel
Incoming Bandwidth	768 Mbps
Outgoing Bandwidth	768 Mbps
HDMI1/ HDMI2 Output Resolution	4K (4096×2160) / 30 Hz, 4K (3840×2160) / 30 Hz, 2K (2560×1440) / 60 Hz, 1080P (1920×1080) / 60 Hz, UXGA (1600×1200) / 60 Hz, SXGA (1280×1024) / 60 Hz, 720P (1280×720) / 60 Hz, XGA (1024×768) / 60 Hz
VGA Output Resolution	1080P (1920×1080) / 60 Hz, UXGA (1600×1200) / 60 Hz, SXGA (1280×1024) / 60 Hz, 720P (1280×720) / 60 Hz, XGA (1024×768) / 60 Hz
Audio Output	2 Channel, RCA (2.0 Vp-p, 1 kΩ)

Decoding

Decoding format	H.265+ / H.265 / H.264+ / H.264 / MPEG4
Recording Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Synchronous Playback	16 Channels
Capability	3 Channel(s): 12MP @ 30 fps
	5 Channel(s): 8MP @ 30 fps
	6 Channel(s): 6MP @ 30 fps
	10 Channel(s): 4MP @ 30 fps
	20 Channel(s): 1080P @ 30 fps

Storage

SATA	16 SATA interfaces supporting hot-plug
Capacity	Up to 10TB capacity for each disk
eSATA	1 eSATA interface
Disk Array Type	RAID0, RAID1, RAID5, RAID6, RAID10

Network and Interface

Interface	4× RJ-45 (10/100/1000 Mbps) (Self-adaptive Ethernet)	
Network Protocol	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, DDNS	
Two-Way Talk	1 Channel, RCA (2.0 Vp-p, 1 kΩ)	
USB	Front	2× USB 2.0
	Rear	2× USB 3.0
PoE	-	
Alarm In/Out	16/8	
Remote Connection	-	

General

Power Supply	100 ~ 240 V AC
Power Consumption	≤ 140 W
Operating Conditions	0°C ~ 50°C (32°F ~ 122°F) / Less than 90% RH
Chassis	19-inch rack mounted 1.5U chassis
Dimensions	442×494×146 mm (17.4"×19.4"×5.7")
Weight	≤ 16 kg (35.3 lb), without HDD

Rear Panel

❶	HDMI1/HDMI2 Interface
❷	Audio In/Out
❸	USB 3.0 Interface
❹	LAN
❺	eSATA Interface
❻	VGA Video Output
❼	Mini SAS Interface (Optional)
❽	Reset Button
❾	RS-232 Interface
❿	Alarm I/O, RS-485 Interface, Keyboard Interface
⓫	GND
⓫	Power Supplies

