



Intelligent NVR AM-P1680-UHD 80ch 16HDD Intelligent NVR



Superior Engineering Design & Sensational Image Quality

AM-P1680-UHD 8ch 16HDD Intelligent NVR



H.265+ VIDEO COMPRESSION



4K ULTRA HD RESOLUTION



HDMI



VGA



RAID



VIDEO ANALYTICS



ANR



SMART RECORD & PLAYBACK



RJ45 LAN



HDD GROUPING & QUOTA



TRIGGER ALARM



P2P CLOUD

Features :

- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Support live view, storage, and playback of the connected camera at up to 12MP resolution
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K resolution
- 16 SATA interface, up to 10TB for 1 HDD
- 2×RJ45 self-adaptive 10/100/1000 Mbps network interface
- Hot swap HDD
- Centralized management of IP cameras, including configuration, information import/export, real-time information display, upgrade, etc.
- VCA detection alarm is supported
- Web6 supports plug-in free browsing and can preview videos on all browsers
- Support cloud upgrade

Technical Specifications

Model No	AM-P1680-UHD
Input	
Video Input	80-ch
Max Resolution	12MP
Two-way Audio Input	1-ch, 3.5mm
Bandwidth	Income 640Mbps; Outgoing 320Mbps
Output	
HDMI/VGA Output	HDMI 2-ch, 3840x2160, 1920x1080, 1280x720, 1024x768, 1366x768, 1440x900, 1280x800 VGA 2-ch, 1920x1080, 1280x720, 1024x768, 1366x768, 1440x900, 1280x800
Screen Split	1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40/64/80
Audio Output	1x3.5mm, 1xBNC
Decoding	
Decoding Format	S+265/H.265/H.264
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P, 80x4CIF
Synchronous Playback	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 16x1080P, 16x720P
Records Encryption	Yes
Hard Disk	
SATA	16 SATA interface for 16 HDDs
Capacity	Up to 10TB for each HDD
eSATA Interface	1 eSATA interface
Array Type	JBOD, RAID0/1/5/6/10
External Interface	
Network Interface	2xRJ45 self-adaptive 10/100/1000 Mbps network interface
USB Interface	2xUSB 2.0, 1xUSB 3.0
Serial Interface	2xRS485, 1xRS232
Alarm In/Out	16/4
Network	
Protocol	HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP(v1), DHCP, DNS, DDNS, EasyDDNS, NTP, SMTP, SSL, QoS, IPv4, IPv6, IP Filter, PPPOE, Telnet, SSH, RTSP, RTP, RTCP, ARP, NAS(NFS、SMB/CIFS)
System Compatibility	ONVIF (PROFILE S/T/G)
General	
Web Version	Web6
Language	English
Operating Conditions	-10~55°C, 10%~90% RH
Power Supply	AC100~240V, 50/60HZ
Redundant Power	N/A
Consumption (without HDD)	≤50W
Chassis	3U
Dimensions	132x482.6x540mm, (5.2x19x21.26 inch)
Weight (without HDD)	13.75Kg (30.31lb)

Technical Specifications

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DIMENSIONS (Unit: mm)



Physical Interfaces

