

AR Series - 16CH Quad-brid DVR System supports 1080P HD-TVI -4K Output-



Quad-brid

1080p

16 CH

Supports HD-TVI / AHD / IP / 960H Analog cameras • Records up to 2 IP cameras • REAL-TIME Live • 12fps recording at 1080P • iPhone® Android® App Available (Guarding Expert) • Dual Streaming • RS-485 for PTZ control • Free DDNS Support • EZVIZ Cloud P2P • 2 × SATA (up to 12TB; 6TB EA.)

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FEATURES

- Connectable to HDTV, AHD and analog cameras
- Up to 2-ch 1080p IP cameras input
- Long distance transmission over UTP and coaxial cable with max. 1200m for the 720p and max. 800m for the 1080p HDTV signal
- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p
- 4K (3840 × 2160) resolution for HDMI output
- Independent CVBS output improves compatibility at the most possibility and serves as the aux output or live view output only
- Two SATA interface (up to 6 TB capacity per HDD)
- 16ch synchronous playback
- Smart search for efficient playback
- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports 2-ch line crossing detection and intrusion detection
- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the admin and clear-text password available
- GUID file can be exported for password resetting and imported for finding the forgotten password
- Supports PTZ control via Omnicast VMS of Genetec protocol
- Cloud P2P & DDNS (Dynamic Domain Name System) for easy network management
- 1 gigabit Ethernet network interface
- Output bandwidth limit configurable
- One USB 3.0 port

SPECIFICATIONS

Video/Audio input	
Video compression	H.264+/H.264
Analog video input	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI input	1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
AHD input	1080p25, 1080p30, 720p25, 720p30
CVBS input	Support
IP video input	2-ch
	Up to 1080p resolution
Audio compression	G.711u
Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Video/Audio output	
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI/VGA output	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Encoding resolution	When 1080p Lite mode not enabled: 1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p/VGA/WD1/4CIF/CIF
Frame rate	Main stream: When 1080p Lite mode not enabled: For 1080p stream access: 1080p/720p@12fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)
	Sub-stream: WD1/4CIF/2CIF@12fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)
Video bit rate	32 Kbps to 6 Mbps
Audio output	1-ch, RCA (Linear, 1 KΩ)
Audio bit rate	64 Kbps
Dual stream	Support
Stream type	Video, Video & Audio
Synchronous playback	16-ch
Network management	
Remote connections	128
Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Hard disk	
SATA	2 SATA interface
Capacity	Up to 6 TB capacity for each disk
External interface	
Network interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
USB interface	Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 3.0
Serial interface	RS-485 (half-duplex)
General	
Power supply	12 VDC
Consumption (without HDD)	≤ 30 W
Working temperature	-10 °C to +55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)
Weight (without HDD)	≤ 2 kg (4.4 lb)

Contents



HDD Screw ×8



Rack Mount Screw
×6



SATA Cable ×2



HDD Power
Connector



Mouse



Remote



Switching Adapter



Power Cable



Rackmount
Bracket



Software CD &
Manual

Smartphone Apps



Available on the
App Store

Guarding Expert
for iPhone



Get it on
Google play

Guarding Expert
for Android