



RAVEN-SMARTXVR16

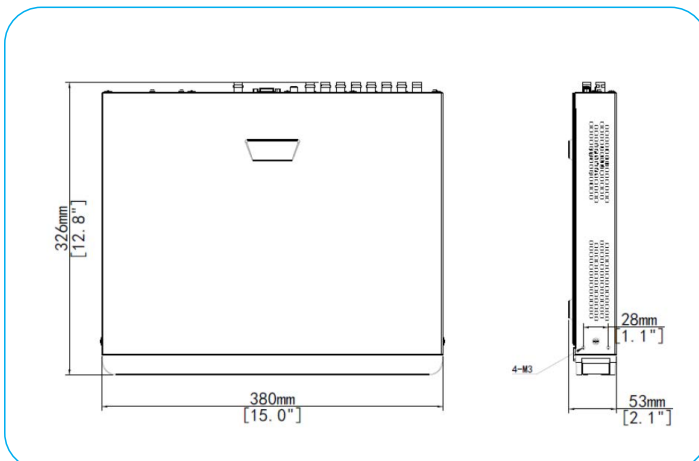
16-ch Hybrid Digital Video Recorder



KEY FEATURES

- Support H.265/H.264 video formats
- Support TVI, AHD, CVI, CVBS, IP Cameras with Adaptive Access
- Support Audio Over Coaxial Cable(only for TVI cameras)
- 16-channel BNC Input
- Up to 4K Resolution for Recording
- Support 1-ch CVBS output, 1-ch VGA output, 1-ch HDMI output at up to 4K(3840 x 2160)
- HDMI and VGA simultaneous output
- Long transmission distance over coaxial cable
- Support Chrome/Edge/Firefox/IE Web Browser
- Support mainstream cameras of ONVIF and RTSP protocols

DIMENSIONS



SPECIFICATIONS

RAVEN-SMARTXVR16	
Video/Audio Input	
Analog Video Input	16-ch, BNC
IP Video Input	8-ch(only IP up to 24ch), each channel up to 4K
Supported Analog Camera Types	Support AHD input: 8MP@15fps, 5MP@20fps, 4MP@30fps, 1080P@30fps, 720P@60fps Support TVI input: 8MP@15fps, 5MP@20fps, 4MP@30fps, 1080P@30fps, 720P@60fps Support CVI input: 8MP@15fps, 5MP@20fps, 4MP@30fps, 1080P@30fps, 720P@60fps Support CVBS input
Audio Input	1-ch, RCA (Audio Compression:G.711U)
Two-way Audio	1-ch, RCA
Network	
Incoming Bandwidth	80Mbps (Up to 112Mbps after all analog channel conversion)
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP
Video/Audio Output	
CVBS Output	1-ch, BNC
VGA Output	1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
HDMI Output	4K(3840X2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, etc.
Audio Output	1-ch, RCA
Synchronous Playback	16-ch
Decoding/Encoding	
Decoding Capability	Analog: 16 x 8MP Lite@8, 16 x 720@30; IP: 24 x D1@30, , 8 x 1080P@30
Encoding Recording	Main stream: 8MP Lite@8fps, 5MP Lite@12fps, 4MP Lite@15fps, 2MP@15fps, 720P@30fps Sub stream: D1@12fps(Max)
HDD and Browser	
SATA	2 SATA interfaces(Up to 8TB for each HDD)
Browser(for Windows)	IE(IE10/11) , Firefox (version 52.0 and above), Chrome(version 45 and above), Edge(version 79 and above)
External Interface	
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Rear panel: 1 x USB3.0, Front panel: 1xUSB2.0
Other Interface	1 x RS485, 4 x Alarm In, 1 x Alarm Out



General	
Power Supply	12V DC Power Consumption: ≤ 12 W (without HDD)
Working Environment	+14°F~+131°F (-10°C~+ 55°C), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	380mm ×326mm× 53mm (15.0" × 12.8"×2.1")
Weight (without HDD)	≤4.4lb(2.0 Kg)

BACK VIEW

