XS-NVR3216A-16P-AI

X-Security NVR recorder 16 IP channels
Maximum resolution 16 Megapixel
Smart compression H.265+ / Smart H.264+
16 PoE channels
AI Smart Features
WEB, DSS/PSS, Smartphone and NVR

X-Security
16 CH
Face Recognition NVR
16 PoE
Security base 2.3.
Max bandwidth 256 Mbps
Maximum resolution 16 Megapixel
Smart compression H.265/Smart H.264
Face detection, face recognition, perimeter protection and SMD Plus
10 facial databases with 200,00 images
Search by face
8 CH Intelligent analysis per camera and 2 per recorder
VGA and HDMI 4K output
Mouse
Space for 2 HDD
Alarms
Audio
WEB, CMS (DSS/PSS), Smartphone and NVR interface
ONVIF Compatible

Specifications

Brand	X-SECURITY
Inputs for IP cameras	LAN port up to 16 channels
PoE	16 ports, 10/100 Mbps, IEEE 802.3 af/at
Video outputs	1 HDMI 4K, 1 VGA
Bidirectional audio	1 input, 1 output, RCA
Video compression format	Smart H.265+; H.265; Smart H.264+; H.264; MJPEG
Decoding capacity	AI Disabled: 2 channels 16 MP@30 fps; 2 channels 12 MP@30 fps; 4 channels 8 MP@30 fps; 6 channels 5 MP@30 fps; 8 channels 4 MP@30 fps; 16 channels 1080p@30 fps AI Enabled: 1 channel 16 MP@30 fps ; 2 channels 12 MP@30 fps; 3 channels 8 MP@30 fps; 4 channels 5 MP@30 fps; 6 channels 4 MP@30 fps; FPS 12p@1080 of 30 channels
Total bandwidth	AI deactivated: 256 Incoming Mbps, 256 Recording Mbps and 256 Outgoing Mbps AI enabled: 180 Incoming Mbps, 180 Recording Mbps and 180 Outgoing Mbps
Recording resolution	16 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 960p, 720p, D1, CIF
Simultaneous multifunction	Pentaplex: Live, Recording, Playback, Backup and Remote Access
Alarms	4 Inputs / 2 Relay NO/NC
SMD Plus	SMD Plus per recorder up to 4 channels: Secondary filtering for human and motorized vehicles, reducing false alarms caused by leaves, rain and changing lighting conditions. SMD Plus per camera up to 8 channels.
Perimeter protection	Per recorder up to 2 channels, 10 IVS rules for each channel. By camera up to 8 channels.
Face detection	Per recorder 1 channel (up to 12 facial images per channel) By camera up to 8 channels. Gender; Age group; Glasses; Expressions; Mask; Beard;
Facial recognition	Up to 10 facial databases with 200,00 images, with a total capacity of 2.5 G. Name, gender, date of birth, address, credential type, credential number, countries and regions, and state can be added to each face image.
AI face recognition performance per camera (number of channels)	8 channels
AI face recognition performance per recorder (number of channels)	FD of 8 channels (per camera) + FR (per recorder), image stream: 12 FD face/s images of 1 channel (per recorder) + FR (per recorder), video stream: 12 facial images/s
Internal memory	2 SATA HDD 3.5" of up to 16 TB (not included)
Alarms	4 Input relays / 2 Output relays
Communication	2xUSB / 1 RJ45 10/100/1000M (Ethernet) / 16 10/100 ports, 802.3 Mbps, IEEE [%VAR%] af-at
Power PoE ports	Total PoE output power is 130 W, maximum single port output power is 25.5W
Remote access	Web browser (ActiveX), mobile phone application or Smart PSS software
Power	100–240 VCA, 47-63 Hz
Dimensions	53 (H) x 329,3 (W) x 375 (D) mm / 2.6 Kg (without HDD)