

XVR5816S-I3

Videoregistrator XVR5816S-I3

- 16-channel SMD Plus for analog channels or 24-channel SMD by camera which allows the device to trigger accurate alarms for humans and vehicles
- 4-channel perimeter protection for analog channels which supports tripwire and intrusion detection powered by AI
- 2-channel face recognition for analog channels which supports face comparison
- 16-channel AI Coding saves on storage and bandwidth while maintaining the details of targets in videos
- Supports HDCVI, AHD, TVI, CVBS and IP video input
- Supports up to 24-channel IP camera input and each channel can be up to 8 MP. The incoming bandwidth reaches 128 Mbps
- Smart H.265+ and H.265 dual-stream video compression
- IoT and POS capabilities

Kanal sayı	16 kanal
Növ	XVR
Megapiksel	5 MP
Max HDD sayı	8 HDD
Max HDD həcmi	16 TB



Ətraflı

System	
Main Processor	Industrial-grade processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI
Perimeter Protection	

Perimeter Performance AI by Recorder (Number of Channels)	Advanced Mode: 2 channels, 10 IVS rules for each channel General Mode: 4 channels, 10 IVS rules for each channel
Face Detection	
Face Attributes	6 attributes
Face Detection Performance of AI by Recorder (Number of Channels)	2 channels(up to 12 face images/s each channel)
Face Recognition	
Face Database Capacity	Up to 10 face databases with 10,000 images.
Face Recognition Performance of AI by Recorder (Number of Channels)	2 channels
SMD Plus	
SMD Plus by Recorder	16 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change
SMD Plus by Camera	24 channels
AI Video Quality Analytics	
AI Video Quality Analytics by Recorder	16 channels: Supports detecting brightness levels, color cast, defocus, overexposure, contrast levels, black and white
Scene Changing	
Scene Changing by Recorder	1 channel
Irregular Black Block Masking	
Irregular Black Block Masking by Recorder	1 channel

Audio and Video	
Analog Camera Input	16 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-detect
Camera Input	<div>1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30fps.</div> <div>2. TVI: 5 MP@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps.</div> <div>3. AHD: 5 MP@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps.</div>
IP Camera Input	<div>Up to 24 channels of IPC access</div> <div>8 IP channels by default + 16 channels (analog channels are converted to IP channels)</div> <div>incoming bandwidth: 128 Mbps, recording bandwidth: 128 Mbps and outgoing bandwidth: 128 Mbps</div> <div>*After IP extension is enabled, Video Quality Analytics, Scene Changing, Face Recognition, Face Detection, SMD, Perimeter Protection cannot be used.</div>
Encoding Capacity	<div>Main stream:</div> <div>5 MP Mode: 4-ch 5 MP@(1 fps-6 fps); others 5M-N@(1 fps-12 fps)</div> <div>5M-N Mode: 5M-N@(1 fps -12 fps); 4M-N/1080p@(1 fps-15 fps); 1080N/720p/960H/D1/CIF@(1 fps-25/30 fps)</div> <div>Sub stream: D1/CIF@(1 fps-15 fps)</div>
Dual-stream	Yes
Video Bit Rate	32 kbps-6144 kbps
Audio Sampling	8 kHz, 16 bit
Audio Bit Rate	64 kbps
Video Output	<div>2 HDMI, 1 VGA, 1 TV</div> <div>HDMI 1: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720</div> <div>VGA/HDMI 2: 1920 × 1080, 1280 × 1024, 1280 × 720</div>

	<div>It changes to 1920 × 1080, 1280 × 1024, 1280 × 720 when Face or IVS&SMD is selected in AI Mode.</div> <div>*Heterogeneous video sources output for HDMI 2 is configurable.</div>
Multi-screen Display	<div>When IP extension mode not enabled: 1/4/8/9/16</div> <div>When IP extension mode enabled: 1/4/8/9/16/25</div>
Third-party Camera Access	<div>Panasonic; Sony; Hanwha; Axis; Arecont; ONVIF</div>
Compression Standard	
Video Compression	<div>AI Coding; Smart H.265+; H.265; Smart H.264+; H.264</div>
Audio Compression	<div>G.711a; G.711u; PCM</div>
Network	
Network Protocol	<div>HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.)</div>
Mobile Phone Access	<div>iOS; Android</div>
Interoperability	<div>ONVIF 23.12 (Profile T; Profile S; Profile G); CGI; SDK</div>
Browser	<div>Chrome; IE; Safari; Edge; Firefox</div>
Network Mode	<div>Multi-address mode; fault tolerance; load balance</div>
Recording Playback	
Record Mode	<div>General; alarm; motion detection; intelligent; POS</div>
Recording Playback	<div>1/4/9/16</div>

	It changes to 1/4/9 split when Face or IVS&SMD is selected in AI Mode.
Backup Method	USB device and network
Playback Mode	Instant playback; general playback; event playback; tag playback; smart playback
Storage	
Disk Group	Yes
Alarm	
General Alarm	Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR alarm
Anomaly Alarm	Error (no disk, disk error, low space, low quota space; network disconnection; IP conflict; MAC conflict); video loss; video tampering; camera offline
Intelligent Alarm	Face detection; face recognition; perimeter protection; SMD Plus
Alarm Linkage	Record; snapshot (panoramic); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email
Ports	
TV Output	1 channel
Audio Input	16-channel BNC 16-channel BNC (Coaxial Audio)
Audio Output	1-channel BNC
Two-way Talk	1-channel BNC
Alarm Input	

	16 channels
Alarm Output	6 channels
Disk Interface	8 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature.
eSATA	1
RS-232	1
RS-485	1
USB	4(2 front USB 2.0 ports, 2 rear USB 3.0 ports)
HDMI	2
VGA	1
Network Port	2 (10/100/1000 Mbps Ethernet port, RJ-45)
General	
Power Supply	100-240 VAC, 50±2% Hz
Power Consumption	
Net Weight	6.72 kg (14.81 lb)
Gross Weight	9.32 kg (20.55 lb)
Product Dimensions	

	440.0mm × 463.0 mm × 94.9 mm (17.32" × 18.23" × 3.73") (W × D × H)
Packaging Dimensions	570.0 mm × 570.0 mm × 226.0 mm (22.44" × 22.44" × 8.90") (W × D × H)
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Installation	Desktop
Certifications	CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024 FCC: Part 15 Subpart B