XVR16401HD 16 CHANNEL HD 5 IN 1 UNIVERSAL DVR

ITEM NUMBER: 065XVR16401HD
MODEL: XS-XVR6116-VS2

X-Security 16 channel 5 in 1 super HD DVR, 4 Mega Pixel (4 M-N) / 1080p HD recording, 960H/D1/IP compatible 16 ch + 8 IP

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Key Features

Digital Video Recorder
16 channel 5 in 1 universal
Super HD 4 Mega Pixel (M-N) / 1080p
16 channel BNC + 8 IP
analogue 960H/D1, IP Network
Up to 25fps per Channel
1 Channel Bi-directional
Audio in / output
HMDI with full HD & VGA output
Supports 1 hard drive
P2P - Plug and Play Internet Setup
Smartphone / Tablet support

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Description

X-Security Standalone 5 in 1 universal CCTV Digital Video Recorder, supports all common HD cameras (HD-CVI, HD-TVI, AHD) as well as standard analogue 960H/D1 cameras and additional 8 IP (Onvif / Dahua / X-Security) network cameras, bi-directional audio in- and output.

This recorder can operate the following camera types:

HDCVI	HDTVI	AHD	CVBS Analog	*IP*
✓ Up to 4MPix	✓ Up to 4MPix	✓ Up to 4MPix	✓	✓ 8 cameras up to 5MPix

Based on the Dahua Technology platform the recorder provides the latest technology and best quality, yet for a competitive price.
It has 16 BNC video inputs, allowing to connect High Definition (up to 4 Mega Pixel resolution) or standard CVBS analogue cameras – all inputs are interchangeable, the recorder automatically detects the video standard and choses the best resolution. Is also possible to operate additional 8 IP Onvif or Dahua compatible network cameras with up to 5Mpix resolution, total bandwidth 96Mbps. You can also replace all 16 BNC channels and convert the DVR to a 24 IP channel NVR.
It also supports one RCA audio input and one RCA audio output, bi-directional audio possible.
2 video outputs: 1x VGA and 1x HDMI with full HD. Embedded Linux operating system with multitasking (pentaplex) allows live viewing, recording, playback, backup and remote access simultaneously.

H.264/H.264+ video compression and G.711 audio. Video recording with up to 25 FPS (frames per second) per channel. Various recording methods are supported: manual, scheduled, motion detection. Supports 1 internal disk storage (SATA) – HDD not included, please choose your required hard drive capacity. Privacy mask and watermark system to avoid tampering with the video footage. PTZ control feature via coax / UTP cable.

The smartphone / tablet app supports bi-directional audio, that means sound from a source (e.g. microphone) connected to the DVR can be heard remotely via the app and you could also speak via the app through a speaker connected to the DVR (microphone and speaker optional).

The integrated VCA video content analysis supports the following features: Line Crossing, Intrusion into an area (motion detect), abandoned object, face detection

Easy to use due to its intuitive graphical user interface, simple operation with the USB mouse. External Backup via USB devices (memory sticks, USB hard drives or USB CD/DVR recorder) and via Ethernet. RJ45 network output for powerful remote access via browser (using ActiveX), via Smart PSS client software or smartphones / tables (e.g. iPhone, iPad, Android phones, Android tablets) with the original Dahua Technology apps and clients (Smart PSS, iDMSS, gDMSS). Supports Dual Stream, which enables fast and seamless access to the Internet. Supports DDNS for easy remote access even with dynamic IP.
The DVR also provides P2P Cloud surveillance – plug and play connection to the internet without the need of an IP address, DDNS and port forwarding.

Super silent design.

Scope of Delivery

16 channel 5 in 1 universal XVR16401HD
USB Mouse
Power adapter
CD or download with manual and software

Technical Specifications

Camera input	16 channels via BNC, 8 additional channels IP, can be substituted to 24 channel IP
Video Formats	Universal: HDCVI, HDTVI, AHD, analogue CVBS (960H/D1), IP (Onvif)
Video Format Combinations	16 channel HDCVI, HDTVI, AHD, CVBS (960H/D1) interchangeable, automatic detection, 8 additional channels IP (Onvif / Dahua / X-Security), can be substituted to 24 channels IP
Video Outputs	1x HDMI full 1080p HD, 1x VGA
Audio	1x input, 1x output via RCA
Bi-directional audio	supported
Video Compression Format	H.264 / H.264+
Audio Compression Format	G.711
Total Bandwidth	96Mbps
Display Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Recording resolution	1280x1440 (4M-N), 1920x1080 (1080p), 960x1080 (1080N), 1280x720 (720p), 960x576 (960H), 704x576 (D1), HD1, BCIF, CIF, QCIF
Main Stream Encoding	HDCVI / HDTVI / AHD: 4M-N / 1080p (1 ~ 15fps) / 1080N / 720p (1 ~ 25fps), CVBS: 960H / D1 / HD1 / BCIF / CIF / QCIF (1 ~ 25 fps)
Extra Stream Encoding	D1 / CIF / QCIF (1 ~ 25 fps)
Simultaneous Multifunction	Pentaplex: Live, Recording, Playback, Backup and Remote Access
Recording Modes	Manual, scheduled, motion detection, VCA detection
Video Analysis	Line Crossing (Tripwire), Intrusion into an area (motion detect), abandoned object, face detection
Backup	via USB devices (USB memory stick, hard drive, external CD / RW DVR) (not included), Backup via Network
Internal Storage	1 SATA HDD 3.5" (not included – please choose your required storage capacity)
Communication Interfaces	RS-485, 2x USB (mouse and backup) / RJ45 (Ethernet) Network
Remote Access	Browser via (ActiveX), original Dahua apps iDMSS / gDMSS for smartphones and tablets, iPhone, iPad, Smart PSS software center for Windows and Apple Mac
Power Supply	12V DC, 2A – power supply included
Dimensions	48(H) x 236(W) x 260(D) mm
Weight	1.5kg (without HDD)