

Model: XRN2016

Professional HD IP NVR for up to 20 (720P) Cameras or 16 (720P or 1080P) Cameras



The XRN Range of NVR's is the latest range from Xvision Pro HD with advanced features offering real time recording in full HD 1080P.

The XRN1609 is a 16 Camera 720P Real Time recorder or a 9 Channel 1080P Real Time recorder. The NVR can take up to 8TB of internal storage and offers quick and easy back up via a USB port for memory stick back up or downloads via network. In addition to this, the NVR offers Full HD (1080P) monitor outputs through its VGA or HDMI output utilising the full resolution available on a HD monitor.

The NVR can be controlled by the supplied USB mouse or remote control and is also rack mountable (brackets included). The unit is designed to be easy to use as a standard CCTV DVR with familiar options and menu system to make switching to a full HD system as easy as possible.

Features

- Recording Rate: 720P: 600fps Real Time (30fps per camera) 1080P: 480fps Real Time (30fps per camera)
- Remote Access via Smartphone, Tablet, PC and Mac
- Email Alerts
- CMS software for multiple NVRs/IP cameras
- VGA and HDMI monitor outputs
- Front Panel or USB Mouse Control (not included)
- OnVIF compatible
- 1GB LAN connection
- Audio Input/Output for 2 way audio between compatible cameras and NVR
- 4 Alarm Inputs
- 2 Alarm Outputs
- Desk or Rack Mount
- Accepts 4 Hard Drives of up to 4TB (not included)
- ESATA port for external hard drive expansion
- Estimated recording space required per camera per day: 130GB at 1080P & 30fps, 43GB at 1080P & 10fps, 58GB at 720P & 30fps, 16GB at 720P & 10fps

Technical Specifications

Model Number	XRN2016
Warranty	1 Year Warranty (extendable to 3 Years)
Approvals	CE, RoHS
System	
Main Processor	Hisilicon 3521
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
Control Mode	USB Mouse, Remote Control
Video	
IP Camera Support	20 channel @ 720P, 16 Channel @ 1080P, 4 Channel @ 3 Mega Pixel
IP Camera Supported List	i8/i9 private protocol IP camera; Hikivision, Dahua, Panasonic etc., ONVIF
Output	1 HDMI (Video and audio), 1 VGA
Display	
Display Split	1/4/9/16/25
Resolution	1920x1080, 1280x1024, 1280x720, 1024x728
Tour Display	Support
Privacy Masking	Yes
OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	
Compression	H.264/ MJPEG4
Maximum Hard Drive Supported	16TB (No Hard Drive Supplied)
Recording Resolution	1080P (1920x1080) / 720P (1280x720)
Recording Bit Rate	Up to 8 Mbps
Recording Quality	CBR, VBR (1~6 level)
Recording Mode	Manual, Alarm, Motion Detection, Regular
Recording Priority	Manual > Alarm > Motion Detection > Regular
Recording Interval	Continuous
Video detection & alarm	
Trigger Events	Audio Warning, Alarm on Monitor, Email, Linkage Upload to Centre, Alarm Output, Recording
Motion Detection	Zones 396 (22x18), Sensitivity Adjustment
Video Loss & Camera Blank	Support
Alarm Input	4
Relay Output	2
Playback	
Playback Channel	4 Channel 720P, 1 Channel 1080P, 4 Channel 3 Mega Pixel
Search Mode	Time/Date, Schedule, Event, Channel
Playback Function	Support 15x Digital Zoom, Snapshot, Roller Amplification
Backup Mode	Flash drive, Network

Network	
Ethernet	RJ45 port (10/100M/1000M)
Network Function	TCP/IP,ONVIF,HTTP,DDNS,SMTP(SSL),DHCP,PPPOE,UPNP,NTP,P2P
Maximum Remote Users	10
Remote Operation	Support WEB, Mobile Viwer, Client, CMS
Power Requirements	
Operating Voltage	12V DC
Power Consumption	30W (without HDD)
Physical Attributes	
Product Dimensions (mm)	357x68x440
Product Weight (kg)	6.0
Shipping Dimensions (mm)	450x170x510
Shipping Weight (kg)	7.5