



**HD 960H**

**Model: XR960D16**

**Professional 16 Channel 960H HD DVR with HDMI Output  
and Real-Time 960H Recording**



The XR960D16 16 channel DVR is the latest professional DVR from Xvision with advanced features, offering High Definition 960H real-time recording.

The XR960D16 is designed to offer something more than just a standard 960H DVR. Recording in 960H resolution, the DVR ensures that every pixel from the camera will be recorded while also offering remote access to view the DVR from anywhere in the world.

The XR960D16 provides recording in HD 960H in real time whilst recording WD1, WHD1 WCIF in real time. In addition the DVR supports PTZ camera operation through RS-485 as well as flexible recording modes, including Alarm Triggered and Motion Detection.

For easy control and setup, the DVR features an On Screen Display (GUI) and can be controlled by the Jog Shuttle, Remote Control or Mouse (both are supplied as standard). As well as this, the DVR offers VGA, BNC and HDMI outputs with up to 1080P resolution.

## Features

The Xvision 960H DVR's are supplied ready to fit, just add compatible Cameras and a TV or Monitor for instant Higher Definition (HD) CCTV surveillance.

The XR960D16 utilises the very latest 960H resolution recording technology to provide 33% higher definition images than standard CCTV DVR's, which are limited to D1 (720x576) resolution.

Plus, by connecting the XR960D16 DVR to the internet, you can access your CCTV system from compatible Smartphones, Tablets, Windows and Apple computers.

In addition to this, the XR960D16 DVR features the following:

- 16 Video Inputs and 16 Audio Inputs (PAL/NTSC Compatible)
- Supports the following recording resolutions: WCIF, WHD1, WD1 all at 960H and CIF, HD1, D1.
- Fully Compatible with Standard and 960H Cameras
- Advanced Xvision H264 Compression for longer recording times
- Flexible Recording Modes: Continuous, Scheduled, Alarm Triggered or on Motion Detection
- Accepts 2 Hard Drives of up to 8TB, 4TB each
- Utilises the very latest 960H resolution recording technology to provide 33% higher definition images than standard CCTV systems, which are limited to D1 (720x576) resolution.
- Remote / Network access from Smartphone, Tablet, PC and Mac (Additional Setup Required)
- Intelligent Motion Detection records only when cameras see movement and triggers instant Email Alerts with Snapshots
- Easy Operation via USB Mouse, Remote Control or Network
- 16 Alarm Inputs, 2 Alarm Output
- 3G / 4G Internet USB Dongle Support
- Estimated recording space required per camera per day: 35GB at Highest Quality, 17GB at Medium and 8GB at Low

### DVR Specifications

<b>Model Number</b>	XR960D16
<b>Video Compression</b>	H.264
<b>Video System</b>	NTSC / PAL
<b>Video Input / Output</b>	16 CH Input / 1 BNC, 1 VGA, 1 HDMI Output
<b>Spot Output</b>	No
<b>Audio Input / Output</b>	16 CH Input, 1 CH Output (RCA)
<b>Display Resolution</b>	<b>PAL:</b> 960x576 @ 25fps <b>NTSC:</b> 960x480 @ 30fps
<b>Display Feature</b>	Single, Quad, 6-Split, 8-Split, 9-Split, 10-Split, 13-Split, 16-Split, S.E.Q
<b>Recording Resolution</b>	<p><b>PAL:</b> D1 Mode 360x288 (CIF), 720x288 (HD1), 720x576 (D1), 960H Mode 480x288 (WCIF), 960x288 (WHD1), 960x576 (WD1)</p> <p><b>NTSC:</b> D1 Mode 360x240 (CIF), 720x240 (HD1), 720x480 (D1), 960H Mode 480x240 (WCIF), 960x240 (WHD1), 960x480 (WD1)</p>
<b>Recording Speed</b>	<b>PAL:</b> 25fps <b>NTSC:</b> 30fps
<b>Recording Mode</b>	Continuous / Manual / Motion Detection
<b>Playback Channel</b>	1 / 16 Ch Optional
<b>Playback Speed</b>	<b>PAL:</b> 25fps <b>NTSC:</b> 30fps
<b>DVD-RW</b>	Yes
<b>Sensor &amp; Alarm I/O</b>	Yes
<b>IR Extender Port</b>	No
<b>Network</b>	Lan, DHCP, Dynamic IP & DDNS
<b>HDD Interface/E-Sata</b>	2 SATA HDD, up to 8TB, 4TB each and 1 E-Sata port at rear for Backup
<b>Multiplex Operation</b>	Live Display, Record, Playback, Backup and Network
<b>USB</b>	2 x USB (For mouse and backup / upgrade)
<b>PTZ Control</b>	Built-in RS485, supports Pelco-P & Pelco-D
<b>Mobile Surveillance</b>	XR960CMS - Android and iOS
<b>CMS Software</b>	64 CH, 256 pcs DVR, Unlimited user accounts
<b>Web Browser</b>	Internet Explorer, Safari, Chrome, Firefox
<b>VGA</b>	1024x768, 1280x1024, 1366x768, 1440x900, 720P, 1080P
<b>HDMI</b>	1024x768, 1280x1024, 1366x768, 1440x900, 720P, 1080P
<b>Power Supply</b>	DC 12V 6000mA
<b>Fan</b>	Yes
<b>On / Off Switch</b>	Yes
<b>Remote Control</b>	Yes
<b>Rack Mount Size in (U)</b>	1.5U includes Ears in box
<b>Housing Dimensions (WxHxD)</b>	440x70x418mm