

Professional 16 Camera (4 Audio) H264 Pentaplex DVR with USB Memory Stick Back Up, DVD Back Up, Networking, Internet Access, 3G Mobile Phone Viewing, IR Remote Control & Mouse Support

(Model: X16D)



Designed for use in Medium sized Businesses, or for Homes and Small Businesses requiring a Professional DVR solution, the Xvision range of DVRs are the best around, with over 100,000 sold worldwide, they offer the best reliability, features, picture quality and value for money. Remote Networking and Mobile Phone support are standard and they record using Advanced H264 compression technology, which offers better picture quality than standard H264 DVRs.

- Records up to 16 cameras
- Records Cameras in high resolution D1 digital quality using Advanced H264 compression
- Advanced Motion Detection, Auto Full Screen for Active Cameras and Email Alerts as standard!
- USB port & DVD drive for low cost easy back up to CD or DVD discs
- Front Panel, IR Remote Control or USB Mouse control for ease of use
- HD resolution VGA port for the best picture quality when using LCDs and Plasmas!
- E-SATA socket for easy expansion of total recording capacity to 12TB
- 2 Year Warranty

Features

Inputs & Display:

- 16 Camera Inputs
- 4 Audio Inputs
- View cameras Full Screen or as a Split Screen during live viewing
- Automatic Full Screen Selection of cameras when movement detected
- Digital Zoom

Covert Camera function:

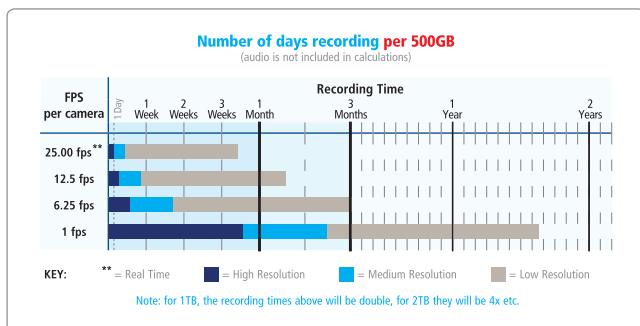
- Hides cameras from the live display (useful if you do not want people to know that covert cameras are being used)

Recording:

- **Advanced H264 compression** - Advanced H264 compression for better compression and picture quality than standard H264 compression
- **Maximum recording speed of 400 fps:**
 - 25 fps (Real Time) recording per camera at 352x288 resolution
 - 25 fps (Real Time) recording per camera at 704x288 resolution (double the industry standard)
 - 12.5 fps recording per camera at 704x576 resolution (double the industry standard)
- **Individual Recording Control for each Camera** - Different Recording Resolutions and Recording Speeds can be set for each camera
- **Motion, Continuous or Schedule based recording:**
 - Motion Recording Mode - records only when movement occurs, saves watching hours of footage and saves hard disk space
 - Continuous Recording - records all the time
 - Schedule Recording - records according to the schedule you set, for example, Monday to Friday 8am to 6pm
- **Optional Overwrite Feature** - Automatically re-records over older recordings when the hard drive is full, so you are always recording, even when the hard drive is full.
- **Pentaplex Recording** - The DVR can playback cameras, allow Network/Internet Access from another PC, 3G Mobile Phone Access and Back Up Recordings all at the same time without having to stop recording

Recording Times:

- X16D



Playback & Search:

- Full Screen Single Camera Playback
- Split Screen Playback
- Digital Zoom
- Search by:
 - Time & Date
 - Motion

Backing Up:

- Back up to:
 - USB Memory Stick
 - CD or DVD Disc
 - A PC/Laptop during Network/Internet Access

Display:

- BNC Socket (for connection to a CCTV Monitor or TV)
- High Definition VGA Socket (for connection to a PC/LCD Monitor with a VGA socket)
- Spot Monitor Output (BNC Socket)

Networking:

- Connect the DVR to a Network/Internet connection and up to 5 users can remote access your CCTV system using:
 - **Internet Explorer on a Windows PC, allowing the user to:**
 - View Cameras Live
 - Listen to Audio
 - Control Speed Domes/Zoom Cameras
 - Playback Recordings
 - Backup Recordings
 - Configure the DVR Software Settings
 - **Safari on a Mac, allowing the user to:**
 - View Cameras Live
 - **An iPhone, Symbian (Nokia etc...) or Windows (HTC etc...) based Mobile Phone, allowing the user to:**
 - View Cameras Live
 - Listen to Audio
 - **An Android based Mobile Phone or Blackberry, allowing the user to:**
 - View Cameras Live
- **Real Time Networking using H264 compression** - Uses half the bandwidth of MPEG4 compression, providing Real Time viewing of multiple cameras over standard ADSL & Cable Internet connections!
- 3 Independent Streams for optimum 3G Mobile Viewing, Network/Internet Access and Local Recording Performance (3x the industry standard)
- **Supplied with FREE Multi Site Central Monitoring Software**
 - If you have multiple locations around the world using an X4D, X8D, X16D, X4DT, X8DT or X16DT DVR then these can be controlled from a PC/Laptop at one central location running the Multi Site Central Monitoring Software
 - **The software allows you to:**
 - View cameras live from different sites at the same time
 - Playback cameras from different sites
 - Configure the DVR software settings

Password Protection & Keylock

Features

- The DVR can be password protected so unauthorised users cannot change any critical settings
- The DVR also features a key lock feature for locking all the keys, preventing any tampering
- Remote Access (Internet, Network, Mobile Phone) is password protected so that only authorised users can access the DVR remotely.

Bonus Features:

- E-SATA socket for easy increasing of the Recording Capacity above the internal limit of 4TB to a maximum of 12TB
- Advanced Motion Detection records only when movement is detected & eliminates false alarms caused by Standard Motion Detection
- Email Alerts, when movement is detected or alarm inputs are triggered an email alert will be sent to your email account (this feature is especially useful if you receive emails on your Mobile Phone)
- IR Remote Control for ease of use
- USB Mouse Support for easy control of the DVR using the intuitive On Screen Menu
- Features 16 Alarm Inputs and 2 Alarm Outputs for adding sensors and sounders or relay control of lights etc... to the DVR
- Controls compatible Speed Domes & Zoom Cameras

Specifications

Model: X16D

Image



DETAILS

Warranty

2 Years Manufacturers Warranty

Approvals

CE, RoHS

INPUTS

Video System

NTSC/PAL

Video Inputs

16 - BNC Sockets - Composite Video Signal (1.0V p-p 75 ohm)

Audio Inputs

4 - Phono Socket

Alarm Inputs

16

OUTPUTS

Main Monitor Outputs

1 - BNC Socket - Composite Video Signal (1.0V p-p 75 ohm)
1 - VGA Socket - HD

Spot Monitor Outputs

1 - BNC Socket - Composite Video Signal (1.0V p-p 75 ohm)

Audio Outputs

1 - Phono Socket

Camera Loopouts

N/A

Alarm Outputs

2

RECORDING

Type

Pentaplex, allows simultaneous:
Live Display, Recording, Playback, Backing Up, Network Access

Compression

Advanced H264

Recording Rate &
Resolution

400 fps / 352x288
200 fps / 704x288
100 fps / 704x576

Recording Modes:

Continuous, Motion Activated, Alarm Input Activated, Scheduled

Hard Drive Support

2 SATA (3.5")

Maximum Hard Drive Size
Supported

2TB

External Hard Drive
Support

Yes
E-SATA port for connection to External E-SATA drives

Maximum Recording Time
per 500GB (at 1fps per
camera)

25 days at High Resolution
75 days at Medium Resolution
588 days at Low Resolution

IP CAMERA SUPPORT

Inputs

N/A

Supported Brands

N/A

Recording Rate &
Resolutions

N/A

Specifications

Model: X16D

Image



ADVANCED FUNCTIONS

Control Methods	Front Panel IR Remote Control USB Mouse (not supplied)
Covert Camera Hiding	Yes
PTZ, Zoom & Speed Dome camera control	Yes Supports PTZ and Speed Dome cameras compatible with the following protocols: AV Tech, IQCCTV, KND, Lilin, LG, Pelco D, Pelco P, Samsung, Xvision
Email Alerts	Yes
Intelligent Video Analytics	N/A
POS/ATM Information Recording	N/A

BACKUP

USB Memory Stick	Yes
DVD	Yes
Network/Internet	Yes

NETWORKING

Network features from a Windows PC	Using Internet Explorer: View Cameras Live, Listen to Audio. Control Speed Domes/Zoom Cameras. Playback Recordings. Backup Recordings. Configure Setting				
Network features from a Mac	Using Safari: View Cameras Live				
Network features from a Mobile Phone	Android	iPod Touch, iPhone & iPad	Blackberry	Symbian (Nokia etc...)	Windows (HTC etc...)
	View Cameras Live	View Cameras Live Listen to Audio	View Cameras Live	View Cameras Live Listen to Audio	View Cameras Live Listen to Audio
Central Monitoring (Multi Site) Software	Yes				

POWER REQUIREMENTS

Operating Voltage	12V DC 6A (Power Supply supplied)
Power Consumption	72W

PHYSICAL ATTRIBUTES

Outdoor Use (Weather Resistant)	No
Product Dimensions	430mm (Width) x 60mm (Height) x 310mm (Depth)
Product Weight	2.50kg
Shipping Dimensions	520mm (Width) x 145mm (Height) x 395mm (Depth)
Shipping Weight	3.78kg

ORDER CODES

X16D-250	16 Camera DVR with 250GB Hard Drive
X16D-500	16 Camera DVR with 500GB Hard Drive
X16D-1TB	16 Camera DVR with 1TB Hard Drive
X16D-2TB	16 Camera DVR with 2TB Hard Drive
X16D-4TB	16 Camera DVR with 4TB Hard Drive

ADDITIONAL IMAGES

MODEL

X16D

Front



Rear

