

16 Channel HD Digital Video Recorder

CCTV System is effective in preventing loss of life and protecting your loved ones, property and asset. Maxview can provide you with simple and cost effective solution that help protect your house or business from break-ins, unauthorized entry and theft. Our brand new HD DVR is an easy to use and mobile access enabled DVR. It deployed a high definition H.264 video codec, and supported 2 Megapixel (1080P Full HD) high resolution of real-time recording at all channels. This high quality video surveillance product gives you the ability to live view, record, search and transmit HD video sources and audio input respectively, in different areas at your house or your facility. This is an ideal way to monitor housekeeper work habits, providing security and a view of proper place of the assets.

Product Features

- 16-CH HD, Realtime H.264 DVR with sixfold operation – record, live, playback, backup, control, and remote access
- H.264 High Profile video compression / decompression with configurable quality
- Max record capabilities – HD:720P 240/200 FPS, Full HD: 1080P 240/200 FPS
- Max Playback capabilities – HD:720P 240/200 FPS, Full HD: 1080P 120/100 FPS
- Realtime live display, 30 (NTSC) / 25 (PAL) FPS, for each channel
- Digital Watermark
- 2-way audio capabilities
- Smart search & playback
- Audio in x 16 / Audio out x 2
- HDMI x 1, VGA x 1, Main monitor x 1, Call monitor x 1
- Up to 5 SATA HDDs, or 4 SATA HDDs and 1 DVR
- Alarm in x 16 / Alarm out x4, alarm set/unset, panic
- Ethernet and USB 3G Dongle support for remote access through I.E. or proprietary remote software, email alarm notification, FTP file storage, remote setup and software upgrade
- Free DDNS Server
- Support remote PC with Windows 8/7, Vista, XP, and 2003
- 1 I.E / Firefox software for multiple DVRs
- Remote Access through mobile phone / PDA / Mac /Tablet PC with free iPhone / iPad / Android software app
- RS-485 for PTZ, Keyboard control, POS, and GPS support
- USB2.0 for mouse operation and video / audio backup to versatile USB2.0 storage devices
- Esata CONNECTOR FOR hdd EXTENSION
- Keypad, remote control, & mouse operation



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Technical Specification

Model	IDVR3160	
System	O.S.	Embedded Linux 3.0
	Multiplex	Sixfold operation: simultaneous record, live, playback, backup, control, remote access
Video	Format	HD: HD-SDI
	Input	HD: 16-CH HD-SDI (SMPTE 292M), BNC, 0.8Vp-p/75ohm, UP TO 1080P30, 720P60
	Main Monitor	HDMI (1920 X 1080); VGA (1920 x 1080); BNC (1Vp-p/75ohm)
	Loss Detection	Yes
	Motion Detection	Yes
	Privacy Mask	Yes
	Audio	Input
Output		HDMI; 2 RCA-Jack Connectors, Line-in Level (<1Vrms)
Record	Compression	H.264 High Profile, Audio: ADPCM
	Max Frame Rate	480 / 400
	Watermark	Yes
	Mode	Manual / Schedule / Alarm / Motion / Panic
	Pre-record	0 – 10 seconds
	Post-record	0 – 60 minutes
Display	Resolution	HDMI / VGA – 1920 x 1080; NTSC – 720 x 480; PAL – 720 x 576
	Split Windows	1 / 4 / 7 / 9 / 10 / 13 / 16
	Frame Rate	Up to 30 / 25 FPS per display window
	Digital Zoom	X2, X4
	Sequential Switch	User Adjustable
Playback	Max Frame Rate	Full HD: 120 / 100 @ 1080P; HD: 240 / 200 @ 720P
	Search	Smart search, Date/time, Camera, Alarm, Motion, Video Loss
Storage	HDD	Up to 5 sets of 3.5" SATA type HDD with storage > 3TB; Failure detection supported
	Backup	2 USB 2.0 port for USB 2.0 storage devices, 1 eSATA Connector
Alarm	Input	16 contact or TTL/CMOS signal, polarity selectable
	Output	2 Normally Open, 2 Normally Closed relay output
Network	Ethernet	1 RJ-45 10M/100M/1G Base Ethernet connector
	Remote Users	Up to 8 users simultaneously
	Remote stations	PC, Mac, mobile phone, PDA, iPhone, Ipad, Android device
Measures & Power	Dimension / Weight	430(W) x 350(D) x 66(H) mm; 4.0KG (Without HDD)
	Power	12VDC, 100W Max (with 5HDDs)
Operating Temperature		0 degree ~ 40 degree