

ULTRA-16

PENTAPLEX 16 CH MPEG4 STANDALONE DVR



ULTRA-16 is the most advanced MPEG4 stand-alone 16-channel DVR developed for all industrial applications. In addition to its smooth professional design, it is very reliable and cost effective. Most of all, its small recording file size and powerful remote control function with high speed transmission over network will become the standard to which other security systems are judged.

Major features include:

- 480 fps live, 240 fps recording/playback
- Pentaplex : simultaneous Live, Recording, Playback, Backup, Network
- Small recording file size using MPEG4 Video and G.723 Audio technology
- Recording frame rate adjustment capability for each channel
- Video backup directly to AVI format for easy viewing
- High speed network transmission with full screen and each camera modes
- Dynamic / Static IP address support, Own Client / Web Browser support
- Support Client software for Pocket PC
- Remote Recording, Still image capturing and Printing via network
- Multiple DVR and Multiple Client support
- PTZ camera control by RS-485 and via Network
- Independent Color adjustment of each camera Input and VGA output
- Mouse and IR Remote control unit for user interface
- Self-diagnosis system: error checking and restoring functions
- Powerful event search function
- CD-Burner, USB and Network for data backup
- Composite Video, S-Video and VGA output

Product Specifications

Video	Input	16 BNC, NTSC/PAL, 1V 75 Ohm
	Output	2 CVBS, S-Video, VGA
	Auto-Loop Throughout	16 BNC, NTSC/PAL, 1V 75 Ohm
Audio	Input / Output	2 RCA, 1 Input / 1 Output
	Recording Mode	G.723 Compression/Decompression
Display	Display FPS (NTSC/PAL)	480 / 400 FPS
	Display Resolution	720 X 480 (NTSC), 720 X 576 (PAL)
	Screen Mode	Full, 4/6/7/8/9/13/16 Split, 1/2/3 PIP, Zoom
Pentaplex Mode		Simultaneous Live, Recording, Playback, Backup, Network
Recording	Video Compression	Real-time full duplex MPEG4 hardware codec
	Frame rate	Frame rate adjustment capability for each channel (Max 240 fps)
	Video Resolution	720(or 360) X 480 (or 240) (NTSC), 720(or 360) X 576 (or 288) (PAL)
	Recording Ways	Continuous, Scheduled, Event (internal motion, external sensor)
	Recording FPS	NTSC : 1~240 FPS, PAL : 1~200 FPS
	Image File Size	NTSC : 2~12KB, PAL : 2~15KB
	Internal Hard Drives	EIDE, MAX 2 HDs supported, Limitless HDD Capacity
Remote Monitoring / Control		Dynamic / Static IP support, Own Client / Web Browser support
		Support Client software for Pocket PC
		Multi DVR & Multi Client support
		Selectable transmission mode (full screen or each camera)
Playback	Playback Screen Mode	Full, 4/6/7/8/9/13/16 Split
	Search Mode	Searching by Manual, Motion & Sensor Event or Date/Time
Alarm Control	External Sensor Input	16CH Sensor Input : NO, NC Type
	Alarm Output	Internal Buzzer, OSD, Internal Relay (Combined with External Device)
	Alarm Setup Period	30sec ~ 30min
Network	Protocol	TCP/IP; RJ-45
	Resolution	720, or 360 mode
	Remote Control	Fully functional remote client software
	Browser	Own Application or Web browser
	Recording	MPEG4 / AVI Recording, JPEG Still image Capturing
Data Backup		Ethernet, CD-Burner, USB
		Video backup directly to AVI format for easy viewing
Others	Auto Screen Switching	Switching Period : 1~60sec
	Signal Loss Detection	Automatic alarm
	Display Hidden Function	Display Hidden Functions by Each Channel ; Recording available
	Remote Control	IR Remote Control, RS-485 / RS-232C
	Power Supply	DC 12V, 5A
	Dimensions	430 x 358 x 75 mm (17 x 14 x 3 inch)
	Weights	5.5 Kg (12.1 lbs)
	Approval	FCC, CE