LLR960H Series

4,8, and 16 Channel Digital Video Recorders

960H **H.264**

QUICK SEARCH | MOTION DETECTION
NETWORK COMPATIBLE | ALARM DETECT
ACCESS

USB Mini Chassis Model

The LLR960 Series of digital video recorder provides a high performance affordable recording solution for small to medium scale CCTV systems.

Using H.264 video compression technology the range delivers very best image quality with high frame rates, whilst providing excellent storage efficiency. Up to 960H (944x576) recording capability allows the detail available from todays latest high resolution cameras to be viewed and recorded.
The latest video surveillance duty SATA hard disks are used for storage, ensuring a long term reliable data storage even under 24/7/365 recording conditions. Backing up video data is straight forward via onboard DVD re writer or USB for flash drives.

An easy to navigate menu system and mouse control make installation, setup, and operation of the DVR quick and easy. Local and remote access via network is supported using the onboard Ethernet port and remote access apps are supported for iPhone and Android smart phones.

Key features

▶ Choice of record capture resolutions: 960H, 4CIF, 2CIF, CIF

▶ Remote access including smart phone support and multisite software

▶ High quality recording and playback

▶ H.264 video compression

▶ Onboard DVD writer (optional)

▶ Easy set up and operation

RoHS | CE
ISO 9001

LLR960H Series

4,8, and 16 Channel Digital Video Recorders

TECHNICAL SPECIFICATION	LLR960M-4-USB	LLR960-4-USB / LLR960-4-DVD	LLR960-8-USB / LLR960-8-DVD	LLR960-16-USB / LLR960-16-DVD
Video Input	4 BNC		8 BNC	16 BNC
Video Output	1 HDMI with Audio and 1 VGA, 1 Main BNC / 1 Spot			
Audio Input / Audio Output	4 RCA			16 RCA
Operating System	Embedded Linux OS			
SATA Devices	Max 1 SATA Devices		Max 2 SATA Devices	
Alarm I/O	Yes			
Serial Interface	RS-485, Pelco P, Pelco D			
USB 2.0 Ports	USB 2.0 x 2			
Dimension (mm)	280(W) x 51(H) x 203(D)		430(W) x 55(H) x 293(D)	
Power Rating	DC 12V 2A 24W		DC 12V 5A 60W	
Split Screen	1 , 4 SEQ.		1 , 4, 8, SEQ.	1 , 4, 8, 13, 16 SEQ.
Compression	H.264 Main Profile			
Main (Recording) Resolution	704x480, 704x240, 352x240 (NTSC) / 704x576, 704x288, 352x288 (PAL) 944x480, 704x480, 472x240 (NTSC 960H) / 944x576, 704x576, 472x288 (PAL 960H)			
Sub (Network) Resolution	352x240, 176x120 (NTSC) / 352x288, 176x144 (PAL) / 472x240, 236x120 (NTSC 960H) / 472x288, 236x144 (PAL 960H)			
Mode	Continuous, Event, Schedule			
Record Rate NTSC	4 x 960H@30 (944X480), 4 x D1@30 (704x480)		8 x 960H@15(944x480) 8 x D1@15(704x480)	16 x 960H@15(944x480) 16 x D1@15(704x480)
Record Rate PAL	4 x 960H@25 (944X576), 4 x D1@25 (704x576)		8 x 960H@12(944x576) 8 x D1@12(704x576)	16 x 960H@12(944x576) 16 x D1@12(704x576)
Search Mode	Date / Time, Event			
Zoom	Digital (x2 - x5)			
Network Interface	10/100 Ethernet			
Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS			
Application	Windows XP/VISTA/7, Mac OS X			
Remote Software	iWatch DVR, IE Browser, iCMS			
Account	1 Admin + 10 users			
Mobile Device	Windows Phone, iPhone, iPad, Anroid			
Interface	USB 2.0 or SATA			
Audio Backup	YES			
Backup Type	Network, ext. USB flash device, SATA optical DVD, etc			
Motion Detection	Sensitivity: 100 levels for each channel, Area: Programmable individually			
Event Log	Up to 10000 events			
Multi-Language	Supported			
Camera Title	Multi-Language			
USB Mouse	YES			

NB. Specification subject to change without notification

Description / Model	
LLR960M-4-USB	4ch 960H DVR mini chassis model, Real Time 960H, H.264, USB Back Up, Dual Codec Network, PTZ Control, 1x HDD max
LLR960-4-USB	4ch 960H DVR, Real Time 960H, H.264, USB Back Up, Dual Codec Network, PTZ Control, 2 x HDD max
LLR960-4-DVD	4ch 960H DVR, Real Time 960H, H.264, USB & DVD Back Up, Dual Codec Network, PTZ Control, 1 x HDD max
LLR960-8-USB	8ch 960H DVR, 12ips @ 960H/ch, H.264, USB Back Up, Dual Codec Network, PTZ Control, 2 x HDD max
LLR960-8-DVD	8ch 960H DVR, 12ips @ 960H/ch, H.264, USB & DVD Back Up, Dual Codec Network, PTZ Control, 1 x HDD max
LLR960-16-USB	16ch 960H DVR, 12ips @ 960H/ch, H.264, USB Back Up, Dual Codec Network, PTZ Control, 2 x HDD max
LLR960-16-DVD	16ch 960H DVR, 12ips @ 960H/ch, H.264, USB & DVD Back Up, Dual Codec Network, PTZ Control, 1 x HDD max
HARD DRIVES	IV-S517-B-1TB SATA HDD, IV-S517-C-2TB SATA HDD, IV-S517-D-3TB SATA HDD, IV-S517-E-4TB
LLR960-REMOTE CONTROL	Remote Control for the LLR960H DVR's (optional - not included)

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