

L224V Series

Built with the most advanced technology
Built to commercial CCTV equipment standards
Built to perform beyond the most demanding specification

DVR and 4 Cameras Included

Component Surveillance System with Triplex Network Digital Video Recorder and Four Color Cameras



FEATURES:

- DVR**
 - 4 Channel Video, 1 Channel Audio
 - Up to 5 users can view via network simultaneously
 - Recording speed: 120 fps max (Real Time)
 - Intelligent motion trigger recording
 - HDD capacity up to 500GB (optional)
 - PTZ control
 - USB Port for video back up & firmware upgrade
 - Triplex Technology allows for recording, playback or viewing simultaneously
 - Remote control
 - Multi language support
 - VGA adaptor (included) allows you to connect the DVR to any computer monitor
 - Industry Standard BNC Connectors
 - 4 in 1 power adaptor powers all four cameras from one power source
 - 4 x 60ft extension cable included
- CAMERAS**
 - 1/4" CCD advanced image sensor produces video with 350 TV Lines
 - 24 IR LEDs provides effective night vision range of 40 ft(12M)
 - Advanced Day / Night mode: Picture automatically switches camera to B&W delivering better clarity in low light conditions**
 - Weatherproof camera housing ideal for outdoor or indoor applications (IP67)*
 - Ceiling or Wall Mountable: Versatile Camera Stand allows the camera to be mounted on the Wall or Ceiling

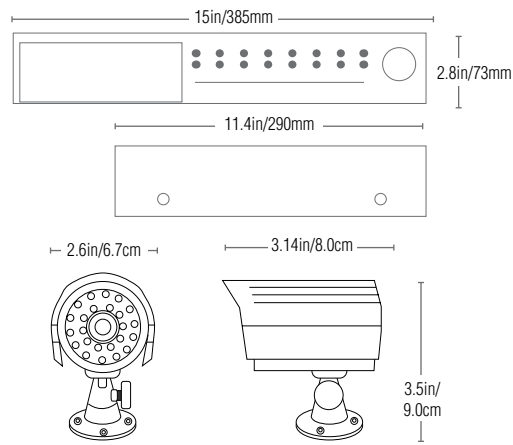
* Not for use in direct exposure to water, rain or snow.

**IR night time low light illumination range up to 40 ft. (12M) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.



**CONNECT DVR TO
ANY COMPUTER
MONITOR**

Specifications:

DVR:		CAMERA:																					
Video System:	NTSC / PAL (switchable)	Image Sensor:	1/4" Color CCD																				
Video Compression Format:	Frame: MJPEG ; CIF: MPEG4	Effective Pixels:	H: 512, V: 492																				
Video Input:	4 Channels. Composite video signal 1 Vp-p 75 Ω BNC	Scan System:	2:1 Interlace NTSC																				
Video Loop Out:	4 Channels. Composite video signal 1 Vp-p 75 Ω BNC	Scan Frequency:	H: 15.734KHz, V: 59.94Hz																				
Video Output:	Main Monitor Output: Composite video signal 1 Vp-p 75 Ω BNC Call Monitor Output: Composite video signal 1 Vp-p 75 Ω BNC	Synchronization:	Internal																				
Maximum Recording Rate:	Frame: 720x480 pixels with 30 IPS NTSC / 720x576 pixels with 25 IPS PAL CIF: 352x240 pixels with 120 IPS NTSC / 352x288 pixels with 100 IPS PAL	Minimum Illumination:	0.6 Lux F 2.0																				
Adjustable Recording Speed:	Frame: 30, 15, 7, 3 IPS ←NTSC→ / 25, 12, 6, 3 IPS ←PAL→ CIF: 120, 60, 30, 15 IPS ←NTSC→ / 100, 50, 25, 12 IPS ←PAL→	S/N Ratio:	More than 48dB @ AGC Off																				
Image Quality Setting:	Best, High, Normal and Basic	Resolution:	350 TV Lines																				
Hard Disk Storage:	IDE type, ATA66, supported HDD * 1, support HDD capacity Max 500GB	White Balance:	ATW																				
HDD Quick Cleaning:	Quick clean up the "index system" of the recorded files. 250GB under 2 seconds	AES:	On 1/60~1/100000 Sec																				
Recording Mode:	Manual / Timer / Motion / Alarm / Remote	Gain Control:	Auto																				
Refresh Rate:	120 IPS for NTSC / 100 IPS for PAL	BLC:	On																				
Audio I/O:	1 audio input, 1 audio output (Mono)	Video Output Termination:	1.0Vpp @ 75ohm Termination BNC Female Black Jacket																				
Motion Detection Area:	16 x 12 grids per camera for all channels Motion Detect Sensitivity: 4 adjustable variables with precise calculation for motion detection	Lens/ Lens Mount:	3.6mm F 2.0																				
Pre-alarm Recording :	Yes (8MB)	4 in 1 Power Source:	12Vdc 2A AC Adaptor																				
Backup Device:	Network remote backup / USB flash drive backup	Current Consumption:	100mA without IR LED, 350mA with IR LED On																				
Web Transmitting / Compression Format:	Motion JPEG	IP Rating:	IP 67																				
Ethernet :	10/100 Base-T. Support remote control and live view via Ethernet.	Dimensions:																					
Web Interface:	Support licensed software AP and IE browser																						
Remote Alarm Notification:	E-mail images, and upload images to FTP site's specific account	Product Information:																					
Network Connection:	Support TCP/IP, PPPoE, DHCP and DDNS function	<table border="1"> <tr> <td>Model # & Description:</td> <td colspan="3">L224V Series: Triplex Network Digital Video Recorder with 160GB or 250GB HDD & 4 Color Cameras</td> </tr> <tr> <td>Package Weight:</td> <td colspan="3">18.7 lbs / 8.5 kgs</td> </tr> <tr> <td>Package Dimensions:</td> <td colspan="3">(L x D x H) 16.5 in x 13.3 in x 10.2 in / 420mm x 340mm x 260mm</td> </tr> <tr> <td>Package Cube:</td> <td colspan="3">1.31ft/ 0.03m</td> </tr> <tr> <td>Package Includes:</td> <td colspan="3">1 x DVR with 160GB or 250 HDD, 4 x Cameras, 4 x Stands, 4 x 60ft Extension Cables, 1 x VGA Adaptor, 1 x 4 in 1 Power Adaptor</td> </tr> </table>		Model # & Description:	L224V Series: Triplex Network Digital Video Recorder with 160GB or 250GB HDD & 4 Color Cameras			Package Weight:	18.7 lbs / 8.5 kgs			Package Dimensions:	(L x D x H) 16.5 in x 13.3 in x 10.2 in / 420mm x 340mm x 260mm			Package Cube:	1.31ft/ 0.03m			Package Includes:	1 x DVR with 160GB or 250 HDD, 4 x Cameras, 4 x Stands, 4 x 60ft Extension Cables, 1 x VGA Adaptor, 1 x 4 in 1 Power Adaptor		
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PTZ control:	Support PELCO-D protocol																						
IR Transmitter:	YES																						
Dwell Time (Sequential Channel Switch):	Programmable with adjustable dwell time																						
Alarm I/O:	4 inputs, 1 output																						
Digital Zoom:	2 X digital zoom (live mode)																						
Key Lock:	Yes																						
Video Loss Detection:	Yes																						
Camera Title:	Support up to 6 letters																						
Video Adjustable:	Hue / Color / Contrast / Brightness																						
Date Display Format:	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off																						
Power Source:	DC 19V																						
Power Consumption:	< 42 W																						
Operating Temperature:	10° C ~ 40° C (50° F~104° F)																						
System Recovery:	System auto recovery after power reconnected																						

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