

PDR-4LX

The PDR-4LX is a highly stable digital video recorder based on an embedded RTOS (Real-Time OS). It is designed for real time displaying and has recording capabilities for four camera inputs as well as four audio inputs. The PDR-4LX can record up to 100 images per second. Recorded video can be backed up to an internal CD-RW drive and also to external USB devices.



PDR-4LX

Specifications

VIDEO

Signal Format	PAL or NTSC (Auto Detect)	Composite Video Resolution	720 x 480 (NTSC), 720 x 576 (PAL)
Video Input	Composite: 4 Looping, BNC, Auto-Terminating	Monitor Output	Composite: 1 BNC, SVHS: 1 Y/C, VGA:1
Playback and Record Speed	Up to 100ips @1CIF (PAL) Simplex	Record Resolution	1CIF: 336 x 272 2CIF: 672 x 272

INPUTS/OUTPUTS

Alarm Input	4 TTL, Programmable as NC/NO	Alarm Output	2 Relay
Alarm Reset Input	1 TTL	Internal Buzzer	80dB at 10cm
Remote Control	RS-485		
Network Connectivity	10/100 Base Ethernet (RJ-45), Standard RS-232C Connection for external modem		
Audio Input	4 Line in	Audio Output	1 Line out

CONNECTOR

Video Input	Composite: 4 Looping, BNC	Monitor Output	Composite: 1 BNC, SVHS: 1 Y/C, VGA:1
Audio Input	4 RCA	Audio Output	1 RCA
Alarm Input	4 Screwless, Push button type, Terminal Blocks	Alarm Output	2 Screwless, Push button type, Terminal Blocks
Alarm Reset Input	1 Screwless, Push button type, Terminal Block	RS-232C Serial Port	DB(9)
RS-485 Serial Port	Terminal Block	USB Port	1 (Front) (USB 1.1)

STORAGE

Primary Storage	120 Gig + (Optional 2 Extra HDD) EIDE HDD (up to 3)
Secondary Storage	Internal CD-RW Drive , USB HDD, USB CD-RW, USB Flash Device

GENERAL

Dimensions (W x H x D)	16.9" x 3.5" x 14.0" (430mm x 88mm x 355mm)	Unit Weight	17 lbs (7.9 Kg)
Operating Temperature	41°F to 104°F (5°C to 40°C)	Operating Humidity	0% to 90%
Power	100 to 240 VAC, 50/60Hz, 2/1A		

MISCELLANEOUS

Approvals	FCC, CE, UL
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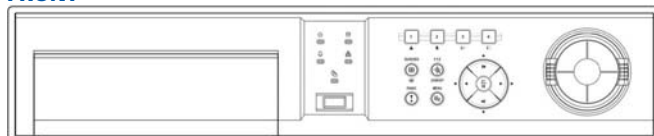
Specifications subject to change without notice

PDR-4LX Recording Time (based on 120GB)

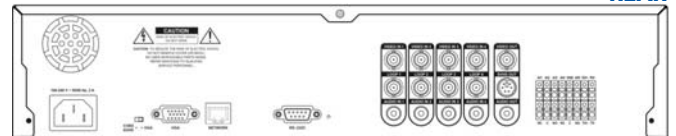
Image Rec		Recording Picture Resolution & Quality Mode (1 CIF)							
Compression Rate	LOW 2.4 KB	STANDARD 4.8 KB		HIGH 9.6 KB		V-HIGH 14.4 KB		Hours	Days
		Hours	Days	Hours	Days	Hours	Days		
0.01	100	139	5.8	69	2.9	35	1.4	23	1.0
0.01	75	185	7.7	93	3.9	46	1.9	31	1.3
0.02	50	278	11.6	139	5.8	69	2.9	46	1.9
0.04	25	556	23.1	278	11.6	139	5.8	93	3.9
0.05	20	694	28.9	347	14.5	174	7.2	116	4.8
0.07	15	926	38.6	463	19.3	231	9.6	154	6.4
0.10	10	1,389	57.9	694	28.9	347	14.5	231	9.6
1	1	13,889	578.7	6,944	289.4	3,472	144.7	2,315	96.5
30	0.03	462,963	19,290.1	231,481	9,645.1	115,741	4,822.5	77,160	3,215.0

Image Rec		Recording Picture Resolution & Quality Mode (2 CIF)							
Compression Rate	LOW 4.8 KB	STANDARD 9.6 KB		HIGH 19.2 KB		V-HIGH 28.8 KB		Hours	Days
		Hours	Days	Hours	Days	Hours	Days		
0.01	100	69	2.9	35	1.4	17	0.7	12	0.5
0.01	75	93	3.9	46	1.9	23	1.0	15	0.6
0.02	50	139	5.8	69	2.9	35	1.4	23	1.0
0.04	25	278	11.6	139	5.8	69	2.9	46	1.9
0.05	20	347	14.5	174	7.2	87	3.6	58	2.4
0.07	15	463	19.3	231	9.6	116	4.8	77	3.2
0.10	10	694	28.9	347	14.5	174	7.2	116	4.8
1	1	6,944	289.4	3,472	144.7	1,736	72.3	1,157	48.2
30	0.03	231,481	9,645.1	115,741	4,822.5	57,870	2,411.3	38,580	1,607.5

FRONT



REAR



Also available from:



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