

H.264 Full D1 Real-time Digital Video Recorder No more port-forwarding

PROFESSIONAL SERIES (PR-424, PR-824, PR-1648)



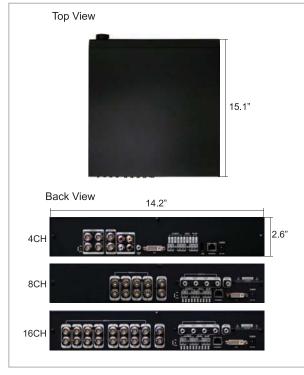
H.264, 4Ch Audio, DDNS, DVD-RW, 4Ch(120/120@2CIF) 8Ch(240/240@CIF)/16Ch(480/480@CIF), i-Phone Support

Features

- TI HD Davinchi Based Platform w/ Powerful self developed codec
- Real-time Recording speed
- Support 1024x768 display
- Real-time log viewer with snapshot image
- Smart Phone Viewer support
- Gigabit Ethernet
- Snapshot Uploading Function via E-MAIL
- G.M.T Time zone & D.S.T supported
- Remote PTZ control supported
- Two way audio communications
- Various Archiving Devices supported (CD/DVD-RW, USB Flash device, Network)
- Auto Bandwidth Control
- CMS Support

Dimensions

(unit:inch)



Video Output Sui Spi Loc	I monitor b monitor ot-out op-out re yyback ntrol	H 120 fps 120 @ 2CIF 4CH(BNC) 1,4 1,4 1,4 4 Line in (RC/ USB Flash USB Mouse,Front bu	LINUX ive/Record/Playback// .264 Codec(DSP Based 240 @ CIF 8CH(BNC) 1 DVI-I (1024x768) 1 Composite(BNC) 1 Composite(BNC) None 1,4,6,8,9 1,4,9 A) / 1 Line out (RCA), 4 In/ 1 relay 2 HDD + 1 ODD Device, CD/DVD-RW 1.5U : 2 Front RS-485	d) 480 @ CIF 16CH(BNC) 1,4,6,8,9,16 1,4,9,16 CODEC:G.711
Video Compression Live Display Speed Recording Speed Video Input Video Output Screen Division Audio In/Out Alarm In/Out Alarm In/Out Storage Archive USB Port PTZ & Keyboard con System Control Network Power Operating Temperal Humidity Dimention(inch)/W RemoteSW	I monitor b monitor ot-out op-out re yyback ntrol	H 120 fps 120 @ 2CIF 4CH(BNC) 1,4 1,4 1,4 4 Line in (RC/ USB Flash USB Mouse,Front bu	.264 Codec(DSP Baser 240 (ps 240 (a) CIF 8CH(BNC) 1 DVI-1 (1024x768) 1 Composite(BNC) 1 Com	d) 480 @ CIF 16CH(BNC) 1,4,6,8,9,16 1,4,9,16 CODEC:G.711
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Alarm In/Out Storage Archive USB Port PTZ & Keyboard cor System Control Network Power Operating Temperal Humidity Dimention(inch)/WR		USB Flash USB Mouse,Front bu LAN	4 In/ 1 relay 2 HDD + 1 ODD Device, CD/DVD-RW 1.5U : 2 Front	
Storage Archive USB Port PTZ & Keyboard cor System Control Network Power Operating Temperal Humidity Dimention(inch)/WR		USB Mouse,Front bu	2 HDD + 1 ODD Device, CD/DVD-RW 1.5U : 2 Front	& Network
Archive USB Port PTZ & Keyboard cor System Control Network Power Operating Temperal Humidity Dimention(inch)/Wr RemoteSW		USB Mouse,Front bu	Device, CD/DVD-RW 1.5U : 2 Front	& Network
USB Port PTZ & Keyboard cor System Control Network Power Operating Temperal Humidity Dimention(inch)/Wr RemoteSW		USB Mouse,Front bu	1.5U : 2 Front	
PTZ & Keyboard coi System Control Network Power Operating Temperal Humidity Dimention(inch)/W RemoteSW		LAN		
System Control Network Power Operating Temperal Humidity Dimention(inch)/W RemoteSW		LAN	RS-485	
System Control Network Power Operating Temperal Humidity Dimention(inch)/W RemoteSW		LAN		
Power Operating Temperal Humidity Dimention(inch)/W RemoteSW	ture	LAN	tton,Remote controller	&Keyboard controller
Operating Temperat Humidity Dimention(inch)/W RemoteSW	ture		, DHCP, Dynamic IP, D	DNS
Humidity Dimention(inch)/W RemoteSW	ture	12	V Adaptor, 5A, 50~60	Hz
Dimention(inch)/W RemoteSW			0 °C ~ 40 °C	
RemoteSW			10 ~ 90% NC	
	eight(lb)		x 15.1 x 2.6 (WxHxD),	
MAIN FEATURES		C	MS support, Web View	er
LIVE DISPLAY				
OSD			On/Off	
Border Color			Selectable	
Digital Zoom			Up to 3X	
SEARCH Calendar Search			Search by time	
Event Search PLAYBACK			Search by event	
Playback Speed		\/a	riable Playback(Max.64	1v)
Instant playback			playback mode for quid	
Audio Play			Synchronized with Vide	
SYSTEM				
Video Covert		Video will be hidden I	Live & Playback mode,	but it will be recorded
PTZ			ost of PTZ protocol, Pro	
Motion Area Setting	J		ID(20X12), 10 Steps S	
Time Synchronizati	on	Auto	Time Sync. By NTP se	erver
User Authority			er Group has different	
System Reliability		Watch-Dog,	Auto-Recovery after p	ower Failure
Firmware Upgrade			SB Flash device and Ne	
Configuration Export	t & Import		tion copy & paste to o	
S.M.A.R.T. Alarm		Auto-Detec	t & monitoring the HD	D's problem
RECORD		D i i i	1100	
Resolution Setting	Control		different resolution se	
Recording Quality C Recording Schedule		5 LEVEIS (LOW	/ Standard / High / Hi	guest / Super)
	-		 by recording mode, ecording settings to pro- 	
Panic Record			recording settings to pr	ovide the best quality
Pre-recording			Max. 5 seconds	
Post-recording			Max. 180 seconds	
ARCHIVE			1 IGA. 100 Secollus	
Archive Device			D/DVD/USB Flash devi	ce
File Format			AVI file	
Bookmark Archiving	q		Supported	
Player		Backup player. W	indow Media Player ar	nd HDD PC Viewer
NETWORK				
Network Support Ty	уре		LAN / DHCP / DDNS	
Net Client & Web S	erver Port		Programmable by Use	r
E-mail notification		E-mails t	o specific users to not	ify events
System Configuration	on		up configuration over	
Bandwidth limit			the Network Bandwid	
Two-Way Audio		Com	munication with Remo	teSW
Others				
Watermark		Waterma	rked Video & Audio fo	r security
POS			Supported (TBD)	Made in Korea

Design and specifications may subject to change without notice.

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STANDALONE DVR

STANDALONE DVR SERIES

H.264 Real-time Digital Video Recorder 1080p HD Display : HDMI out Dual Streaming Auto Bandwidth Control for Client Universal Plug and Play supported

No more need for port-forwarding Supports PDA Viewer and Smart Phone

PREMIUM SERIES



8CH / 16CH, D1@Realtime, DVDRW HDMI 1080P Display, 2U Rack mountable

PROFESSIONAL SERIES

ENTERPRISE SERIES



4CH / 8CH / 16CH, CIF@Realtime, DVDRW DVI, 1.5U Rack mountable



8CH / 16CH, CIF@Realtime, DVDRW HDMI 1080P Display, 2U Rack mountable

ELITE SERIES



4CH / 8CH / 16CH, CIF@Realtime VGA

Specification

SEF	RIES	ENTER	ENTERPRISE PREMIUM						ELITE			
						-		0	-	9 1 1 9 1 1		
Мо	del	EP-8D	EP-16D	PM2-8C	PM2-16C	PR-424	PR-824	PR-1648	EL-412	EL-824	EL-1648	
Operatin	g System		LIN	IUX				LIN	IUX			
Pentaplex	Function	5	Simutaneous Live/Record/	Playback/Archive/Networ	k		Simutar	neous Live/Record	/Playback/Archive/	Network		
Video Cor	mpression		H.264	Codec				H.264	Codec			
Recording	Speed (FPS)	240 @ D1 (720x480)	480 @ D1 (720x480)	240 @ CIF	480 @ CIF	120 @ 2CIF	240 @ CIF	480 @ CIF	120 @ CIF	240 @ CIF	480 @ CIF	
Video	Input	8CH(BNC)	16CH(BNC)	8CH(BNC)	16CH(BNC)	4CH(BNC)	8CH(BNC)	16CH(BNC)	4CH(BNC)	8CH(BNC)	16CH(BNC)	
Loo	p out	8CH(BNC)	16CH(BNC)	8CH(BNC)	16CH(BNC)	N/A	N/A	N/A	N/A	N/A	N/A	
	HDMI	MAX (1920X108	0),1080p Full HD	MAX (1920X108	MAX (1920X1080),1080p Full HD		N/A			N/A		
Video Output	VGA monitor	SXGA (1280 X1024) / C	Composite(BNC) / SVHS	1 VGA (1024X768),	1 Composite(BNC)	1 DVI-I(1024X768), 1 Composite(BNC)			1280x1024 1 VGA (1024X768), 1 Composi			
	Spot-out	2 Analog(BNC) 4 Analog(BNC)		2 Analog(BNC) 4 Analog(BNC)			1 Composite(BNC))	1 Composite(BNC)			
Screen	Live	1,4,6,8,9,16	1,4,6,8,9,16	1,4,6,9	1,4,6,8,9,16	1,4	1,4,6,8,9	1,4,6,8,9,16	1,4	1,4,6,8,9	1,4,6,8,9,13,16	
Division	Playback	1,4,16	1,4,9,16	1,4,9	1,4,16	1,4	1,4,9	1,4,9,16	1,4	1,4,8	1,4,8,16	
Audio	In/Out	4 Line in(RCA)/ 1 Line o	ut(RCA), CODEC:G.711	4 Line in(RCA)/ 1 Line o	Line in(RCA)/ 1 Line out(RCA), CODEC:G.711		/ 1 Line out(RCA),	CODEC:G.711	4 Line in(RCA)/ 1 Line out(RCA), CODEC:G.711			
Alarm	In/Out	8 In/ 8 Out	16 In/ 16 Out	8 In/ 8 Out	16 In/ 16 Out		4 In/ 1 relay		4 In/ 1 relay			
Sto	rage	4 HDD's(SA	TA) + 1 ODD	4 HDD's(SA	TA) + 1 ODD	2 ⊦	IDD's(SATA) + 1 C	DD	Up to 2 HDD's(SATA)			
External	l Storage	e-SATA interface, Supproted Optional Storage Bay					N/A		N/A			
Arc	hive		USB Device, CD/D	VD-RW & Network		USB Dev	ice, CD/DVD-RW 8	& Network	USB Device, Network			
USB	Port	3(Front 2	2, Rear 1)	3(Front 2	, Rear 1)		2 (Front)			2(Front 1, R	ear 1)	
PTZ & Keyb	oard control		RS-	485		RS-485						
System	Control	USB Mo	ouse, Front button, Remot	e controller & Keyboard c	ontroller	USB Mouse, Front button, Remote controller & USB Mouse, Remote controller						
	work		LAN, DHCP, Dyr					LAN, DHCP, Dyr				
	wer		SMPS, MAX.200W, 10	,			1:	2V Adaptor, 5A, 10	,	Hz		
	Temperature		~ ^{0°C}					0℃ ~				
	nidity	040 -		0% NC	Dhono		CMP ourset	10 ~ 9 Web Broweer BD		bong i Dhong		
Kemo	oteSW	CMSS	uppon, web Browser, PD	A Viewer, Smart Phone, i	-Prione		CIVIS support,	Web Browser, PD	va viewer, Smart P	mone, I-Phone		



STANDALONE DVR GUI

STANDALONE DVR GUI

WEB REMOTE VIEWER



Simple & Easy

- Supports all current internet browsers
- (Internet Exploer, Firefox, Safari, Chrome)
- PTZ control
- Remote Setup
- Remote Playback
- Remote Backup
- Easy connect and use
- Auto bandwidth control

iPhone REMOTE VIEWER



Smart Phone Remote Viewer - Remote Search/Setup

- Remote PTZ Control

SETUP



MAIN SETUP

Camera, Display, Sound, System User, Network, Alarm, Disk Watermark, POS, ARCHIVE User Authority, PTZ

RECORDING SETUP

PANIC RECORDING Motion, Continuous, Combo By each camera for different resolution setting(CIF/2CIF/D1)

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CONTINUOUSM	OTIONO									Ħ				
PANIC	CHS CHS CH7 CH8						Ħ			Ħ				
NETWORK	CH 10 CH 10 CH 11 CH 12													
	CH 13 CH 14 CH 15						H			H				H

EZ CMS (Connect Analog DVR + EZ IP Camers + EZ IP NVR)

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LIVE

upto 64CH Live Video, Multiple Screen Live Audio, Backup to Local HDD

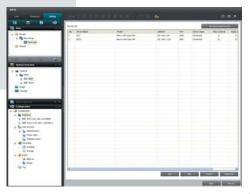
SETUP

Remote Setup Multi DVR control with group Exporting in AVI and Still image Printing Avidence Digital Zoom Full Screen Viewing Using multiple windows Sending a chennel to a Floating Windows Manually Activating Output Audio when playback mode

PLAYBACK Timeline browser

Time navigation Audio when playback mode





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