

16CH H.264 D1 Model



► FEATURES

- . H.264 Algorithm hardware compression
- . 16 channel DVR 480(400)fps at D1 resolution recording capability
- . Pentaplex operation (Playback / Recording / Ethernet / Backup / Live)
- . Concurrent Multi-Channel Playback 16CH all channels at same time
- . Two- Way audio available
- . 4 channel audio recoding
- . USB2.0 for back up
- . Easy PTZ camera control
- . Support Network Time Server
- . Support Disk S.M.A.R.T Check
- . Support DDNS (Dynamic Domain Name Server)
- . Support Central Monitoring System (CMS)
- . Operate by front panel, mouse and remote controller

D1 REALTIME



► SPECIFICATIONS

MODEL NO.	H264-16480D1
VIDEO IN / OUT	
Video Inputs	16 BNC
Video Outputs	1 BNC, 1 VGA, 2 Spot(1 digital + 1 Analog)
	16 Loop outs
Main Out (Composite)	1
SVHS Out	1
VGA Out	1
SPOT Out	2 (1 Digital+1 Analog)
AUDIO IN / OUT	
Audio Input	4
Audio Output	1
ALARM IN / OUT	
Alarm Input	16 TTL
Alarm Output	12 TTL + 4 Relay
Internal Buzzer	Yes
AUXILIARY IN/OUT	
RS485 Port	1 ea (PTZ)
RS232C Port	Yes
Network Port	10/100 Ethernet
USB Port	USB 2.0 (2ea)
IR Remote Control Port	Yes
STORAGE	
Primary Storage	4 Internal HDD or 3 Internal HDD + 1 eSATA
CD/DVD RW	Yes (Standard)
Data Export Medium	USB (HDD, FlashDrive) Built-in : DVD-RW
HDD Interface type	SATA
MORNITORING	
Display Rate	Real-Time Display
Display Resolution	720 X 480 (N), 720 X 576 (P)
Display Mode	1, 4, 3+4, 9, 2+8, 1+12, 16, PIP, SEQ
Sequence	Yes (1~30 sec)
Digital Zoom	Live : Linear Digital Zoom x128
Freeze	Yes

Covert Camera		Yes
Spot Monitor		Yes (Programable)
Multi-tasking		Pentaplex (Live / Record / Playback / Backup / Network)
Color Control		Brightness, Contrast, Saturation, Hue
RECORD		
Video Compression		H.264 (Hardware Compression)
Audio Compression		PCM or G.711
Recording Rate	704×480(704×576)	480/400fps
	704×240(704×288)	480/400fps
	352×240(352×288)	480/400fps
Recording Mode		Continuous, Motion, Alarm, Continuous + Motion, Panic, Pre-alarm(30sec@2.5Mbps)
Recording Setup Programmable for each Camera		Yes
Pre-Event Recording		Yes (30sec@2.5Mbps)
Panic Recording		Yes (Each channel programmable)
SEARCH & PLAYBACK		
Playback Rate	704×480(704×576)	480/400fps
	704×240(704×288)	480/400fps
	352×240(352×288)	480/400fps
Search Mode		Date/Time, Event, Bookmark
Display Mode		1, 4, 3+4, 9, 2+8, 1+12, 16, PIP, SEQ
Digital Zoom		x2
Concurrent Multi-Channel Playback		16CH
NETWORK		
Connection		Ethernet
Max. Connections		22ea
Static IP		Yes
ADSL		Yes
DHCP		Yes
DHCP		Yes
DDNS		Yes
Max Transmission Rate		240 ips@ D1
Bandwidth Control		Yes
Remote Monitoring (Live View)		Yes
Remote Playback		Yes
Remote Recording		Yes

Remote Setup	Yes
Remote PTZ Control	Yes
Remote Data Export	AVI, JPG, BMP
Remote Event Notification	Yes
Two-way Audio	Yes
Network Time Protocol	Yes
SYSTEM OPERATE	
Motion Detection	Yes, Detection Division : 30x24
Data Export (With Audio)	External :USB (HDD, FlashDrive), Internal : CD-RW. DVD-RW (Built-in)
Multi-Language	Yes
Operate	More than 10ea (English, French, German etc..)
Disk Temperature Check	USB MOUSE, Front panel, IR remote control
Disk S.M.A.R.T Check	Yes
Software Upgrade	USB Flash Drive
Setup In/Export	Yes (via USB memory)
System Logs	Yes
Event Logs	Yes
Dimension(mm)	430(W) x 400(D) x 92(H)
Weight (N.W)	Approx. 7kgs (W/O HDD)
Power Supply	Switch power (200W)
Design and specifications are subject to change without notice.	