



16 Channels Professional Level Digital Video Recorder with HDMI and Loop Out

IDVR-4316ND

1. 16 channel full D1 DVR
2. High resolution image (704 x 576, 704 x 288, 352 x 288) with HDMI output video output
3. FULL D1 400fps for live image/recording with H.264 Compression
4. PENTAPLEX operation
5. 4 units of 2TB HDD capacity if w/o DVDRW attached
6. User friendly GUI Menu
7. Easy backup with 2 USB ports and 1 E-SATA port for storage expansion
8. S.M.A.R.T feature with email notification
9. POS transaction data recording/search(RS232) & PTZ control (RS-485)
10. Support Mobile viewing (iPhone, Android & Blackberry)
11. Support Impaq Keyboard Integration
12. Made in Korea



ITEM			SPECIFICATIONS	
Video	Input	Channel, Input Level	16CH Composite, 1.0Vp-p, 75ohm	
		Signal Format	NTSC/PAL	
	Output	Main Monitor	1 HDMI (MAX. 1920 x 1080)	
		Sub Monitor	1 VGA & 1 CVBS & 1 SPOT	
Audio	Input & Output		16 CH input & 1 CH RCA and HDMI out	
	Audio Codec			
Alarm	Sensor Input		16ch (NC/NO Selectable)	
	Alarm Output		2/4 Alarm out by Sensor, Motion and Video Loss	
Record	Compression		H.264	
	Multi-operation		PENTAPLEX (Live/Playback/Record/Network/Backup)	
	Resolution	NTSC/PAL	D1	480/400fps
			Half D1	480/400fps
			CIF	480/400fps
	Recording quality grade		5 LEVELS	
	Recording Mode		Continuous / Schedule / Motion/ Sensor/ Manual	
	Pre Recording		Up to 20 MIN	
Post Recording		Up to 60 SEC		
Display	Frame Rate (/Sec)		NTSC: 30fps/ch, 60 fields / PAL: 25fps/ch, 50 fields	
Playback	Multi-Decoding		1, 4, 8, 16	
	Playback Speed		x 0.25, 0.5, 2, 4, 8, 16, 32	
Storage	HDD	Capacity of 1 HDD	2TB	
		Internal HDD No.	2 (4: w/o DVDRW)	
	E-SATA Port & USB Port		2EA FOR RAID & 2EA (Front 1, Rear 1)	
	Backup	USB Flash drive	Video & Still Image	
		ODD	Video & Still Image	
Huge Backup		Yes (up to 24 hours)		
	Network	Video & Still Image		
User I/F	Input Method		Front buttons, Remote control, Mouse, Keyboard controller	
Serial port	POS		1 RS-232C	
	PTZ & Keyboard control		2 RS-485	
	Termination		Yes	
Network	Dynamic DNS		Yes (Free DDNS)	
	Dual Encoding for Network		D1/CIF 480fps/400fps	
Network Access	Web viewer (1:1)		Live, Search, Backup, PTZF Cam Control, Remote Setup/Upgrade	
	Client Software: UMS Single (1:1)		Live, Search, Backup, PTZF Cam Control, Remote Setup/Upgrade	
	Multi-sites Monitoring System		Live, Search, Backup, PTZF Cam Control, Remote Setup/Upgrade	
Features	Digital Zoom		Yes	
	Watermarking		Yes	
	DLS (Day Lingt Saving)		Yes	
	NTP (Network Time Protocol)		Yes	
	S.M.A.R.T		Yes	
	Internal Beep		By Video Loss, HDD error	
	Multi-Language		Yes (more than 20 languages)	
Power	3G Mobile		iPhone / Android / Blackberry (TBD)	
	Power Supply Voltage		AC 100~120V/200~240V, 50/60Hz, 280W	
Temperature	Operation Temperature		5°C - 40°C, During storage: -10°C - +50°C	
Weight	Unit Weight (Gross weight)		6.8 kg (9.0 kg)	
Dimension	Unit Dimension (W x H x D)		432mm x 430mm x 98mm	