



#### 4 Channels Entry Level Digital Video Recorder

##### IDVR-4104ND

1. 4 channel full D1 DVR
2. High resolution image (704 x 576, 704 x 288, 352 x 288)
3. FULL D1 100fps for live image/recording with H.264 Compression
4. PENTAPLEX operation
5. 1 unit of 2TB HDD capacity
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	4CH Composite, 1.0Vp-p, 75ohm	
		Signal Format	NTSC/PAL	
	Output	Main Monitor	1 VGA (Up to 1280x1024)	
		Sub Monitor	1 CVBS or 1 SPOT	
Audio	Input & Output		1 CH Line input & 1 CH Line output	
	Audio Codec		G.711	
Alarm	Sensor Input		None	
	Alarm Output		None	
Record	Compression		H.264	
	Multi-operation		Pentaplex (Live/Playback/Record/Network/Backup)	
	Resolution	NTSC/PAL	D1	120/100fps
			Half D1	120/100fps
			CIF	120/100fps
	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	
	Playback Speed		x 0.25, 0.5, 2, 4, 8, 16, 32, 64	
Storage	HDD	Capacity of 1 HDD	2TB	
		Internal HDD No.	1	
	E-SATA Port & USB Port		None & 2 (Front 1, Rear 1)	
	Backup	USB Flash drive	Video & Still Image	
		ODD	NO	
Huge Backup		Yes (up to 24 hours)		
Network		Video & Still Image		
User I/F	Input Method		IR Remote control, Mouse	
Serial port	POS		No	
	PTZ & Keyboard control		No	
	Termination		No	
Network	Dynamic DNS		Yes (Free DDNS)	
	Dual Encoding for Network		CIF 60fps/50fps	
Network Access	Web viewer (1:1)		Live, Search, Backup, Remote Setup	
	Client Software: UMS Single (1:1)		Live, Search, Backup, Remote Setup	
	Multi-sites Monitoring System		Live, Search, Backup, Remote Setup	
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)	
3G Mobile		iPhone / Android / Blackberry		
Power	Power Supply Voltage		DC 12V 3A	
Temperature	Operation Temperature		5°C - 40°C, During storage: -10°C - +50°C	
Weight	Unit Weight (Gross weight)		0.9Kgs (1.8Kgs)	
Dimension	Unit Dimension (W x H x D)		260mm x 193mm x 52mm	