



Key Features

- Differential Wavelet compression algorithm (WISE Technology)
- Intelligent file system (Normal / Alarm partition) for managing event triggered source
- 1 channel audio recording & playback
- Maximum 4TB storage capacity (IEEE 1394 for external HDD)
- ATM/POS transaction information text recording and search with corresponding video
- Built-in hardware motion detection with search function (64-division comparison)
- Various efficient back-up methods (IEEE 1394(FiWi), Ethernet)
- Dynamic IP (DHCP, Floating IP) support
- Management Software over Network (eDVR Manager)
- Network Time Protocol (NTP) support for time synchronization
- Certification : UL, CE LVD, FCC, CE, VCCI

Specification

Item		DS1600S	DS1600D
Video Input		16 BNC connectors (NTSC/PAL), Auto terminating	
Video Output	Monitor (Mux)	2 Composite	2 Composite
Video Compression		WISE (Differential wavelet)	
Display	Speed	480/400ips (NTSC/PAL, 16 channel full motion display)	
	Resolution	720x486 (NTSC) 720x576 (PAL)	
	Multi Screen	1, 4, 9, 13, 16ch	
Recording	Speed	60/50ips(NTSC/PAL)	120/100ips(NTSC/PAL)
	Resolution	720x243 (NTSC) 720x288 (PAL)	
	Internal	2 E-IDE Drives (3.5")	
	External	IEEE1394 connection Max. up to 4TB	
Playback	Speed	60/50ips (NTSC/PAL)	120/100ips (NTSC/PAL)
	Resolution	720x243 (NTSC) 720x288 (PAL)	
	Multi Screen	1, 4, 9, 16ch	
Backup / Copy		IEEE1394 Storage(Backup Only), USB Fresh Memory Disk(Copy Only)	
Text Data Recording		Access Control/POS/ATM transaction data recording with image	
Pre / Post Alarm		10sec / 60sec	
PTZ Preset		16 points per channel	
PTZ Protocol		RS232 / 485 / 422	
Serial Port		RS232 9pin D-Sub connector / RS422/485 Terminal Block / RS232 RJ-45 connector / RS422/485 RJ-45 connector	
External Interface		2 IEEE1394, 1 USB (v1.1)	
Alarm	Sensor In	16 (DC 12V, 12mA) Dry Contact	
	Relay Out	4 (AC/DC 250V, 100mA)	
Audio	Input / Output	1 line-in (1Vpp)/Microphone (S/W selection) / 1 line-out (1Vpp)	
Network		1 RJ-45 (10/100 Ethernet)	
IR		Remote controller	
Network Control		Software application: eDVR Manager (supplied basically) Functions: Monitor, Search, Playback, Backup, Event Monitor, PTZ	
Protocol		TCP/IP, ARP, ICMP, DHCP, PPPoE	
Operating System		Embedded Linux	
Temperature Range	Operation	5 C-45 C	
	Storage	-10 C-45 C	
Relative Humidity	Operation	30-80% RH	
	Storage	93% RH Below	
Dimensions (mm)		430.0 x 370.0 x 43.0	
Weight (kg)		5.5 (with one 80GB HDD)	5.5 (with one 120GB HDD)
Power Consumption		Max. 85W	
Power Supply		Input Voltage: AC 90-240v, 50/60Hz	

