

EASY NET 20CH HYBRID DVR

Models Available DVR-1600H4



Description

The DVR-1600H4 represents the latest advance in the manufacture of integrated technology systems and modern software design.

These DVR's are designed to provide a combination of 16 Analogue inputs and 4 IP inputs. With the ability to provide H264E realtime recording across all 20 channels, the DVR-1600H4 is ideally suited for supporting a hybrid system configuration.

The DVR's incorporate a HDMI interface delivering high definition 1080i resolution images that provide remarkable crisp clear pictures of depth and definition.

The beauty of these systems is that they provide for the upgrade and expansion of existing CCTV systems without the necessity of incurring the expensive retro-fit associated with the replacement of the older analogue cameras. The DVR's receive the combined signals into one centralised, stable embedded platform.

Features

- H.264 Video Compression (Ideally suited for Hybrid environments)
- Realtime live display of up to 20 cameras
- 1080i high definition HDMI output
- Dual encoding streams that support flexible network transmission and mobile phone monitoring
- Pentaplex operation
- 8 SATA HDD's (up to 16TB of internal storage)
- Internal RAID support for redundant storage
- Facilitates eSATA, USB 2.0 & DVD/ RW (Built-in) back up options
- Smart video detection
- Supports a simultaneous combination of 16 Channel analogue and 4 Channel IP megapixel cameras
- DVR's incorporate Email, DDNS and FTP functionality
- 2 way audio

Specifications

Specifications	20CH HYBRID DVR
Operating System	Embedded LINUX
Video Compression	H.264
Audio Compression	G.711
Multi Task	Pentaplex Operation (Live, Recording, Playback, Backup & Remote Access)
Control Methods	Front panel, USB mouse, IR remote control, Keyboard, Network
Video Outputs/Inputs/Recording	
Video Inputs	16 Channel BNC IP Input 4 Channel (IP Camera support is real-time 720p)
IP Cameras	IC Realtime IP Camera Range
HDMI	1 (1920x1080, 1280x1024, 1280x720, 1024x768, 800x600)
VGA	1 (1024x768, 800x600)
Video Outputs	Slave 1 BNC (1.0Vp-p, 75Ω) Loop Out 16 BNC
OCIF	500FPS (PAL) 600FPS (NTSC)
OCIF 352x288	500FPS (PAL) 600FPS (NTSC)
OCIF 704x288	500FPS (PAL) 600FPS (NTSC)
OCIF 352x576	500FPS (PAL) 600FPS (NTSC)
OCIF 704x576	500FPS (PAL) 600FPS (NTSC)
OCIF 1280x720	500FPS (PAL) 600FPS (NTSC)
Bit Rate	Analogue video: 32-2048Kbps, IP video: 32-4096Kbps
Audio Recording	16
Two Way Audio Comm.	1 BNC Input (200-2800mV, 30KΩ), 1 BNC Output, BNC(200-3000mV, 5KΩ)
Recording Modes	Manual, Schedule, Motion detection, Alarm, Stop
Trigger Modes	MOV Recording, PIZ movement, Four Alarm, Email, Split output
Motion Detection	Areas: 30K(22x18), Sensitivity: 1-6 (level 6 is most sensitive)
Live/Playback/Backup	
Live Display View	1, 4, 8, 9, 16, 20
Playback Channels	1, 3, 4
Search Modes	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
Backup Methods	USB Flash Drive, USB Hard Drive, USB DVD-RW, eSata Devices, Network Download, Built in SATA writer
Network	
Network Interface	2 RJ-45 port (10/100/1000M)
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server
Network Operation	Live View, PIZ control, Playback, System config, File download, Log files
Network Dual Stream	For 3G Mobile and Low Bandwidth - QCIF & CIF 1-25FPS (PAL) 1-30FPS (NTSC)
Alarm/PIZ/Storage	
Alarm In/Out	16 / 6
PIZ Control	RS-485 PIZ Control on all channels
Storage Supported	8 SATA ports - 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported
HD Management	HD Interstream, HD Raid(Redundancy) & HD Faulty Alarm
USB eSATA	4 USB ports (1 for mouse control, others for backup) 1 Port
Power/Environmental/Miscellaneous	
Power Supply	AC 100-240 V, 50/60 Hz
Power Consumption	40W
Working Environment	-10°C~+55°C / 10~90%RH / 88~100gpa
Dimension / Weight	2U, 440mmx460mmx88mm(WxDxH) / 6.5KG (without HD)