

PROFESSIONAL PENTAPLEX STANDALONE DVR

H.264 REALTIME

True H.264 Compression(Main Profile)

Dual video stream both for network transmission and recording offers more flexible monitoring environment on various network conditions

· 04CH: 120 / 120 FPS

· 08CH: 240 / 240 FPS

· 16CH: 480 / 480 FPS



Pentaplex 4 / 8 / 16 Channel
120 / 240 / 480 FPS



Static IP, DHCP, DDNS Support



Software Upgrade via Network,
USB Port, DVD-RW



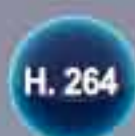
VGA Monitor Support
(1024 x 768)



E-mail Notification
(Video Clip, Still Image, Message)



POS / ATM (Patent Pending)



H.264 H.264 Records and Plays
in High-definition Video



Archiving
(EXE / JPEG Format)



Keyboard Controller,
Various PTZ Protocol Support



NTP (Network Time Protocol)



WCS (Watermark Check System)



Mobile Viewer
(Windows Mobile 6.1 or Higher)



CMS (Central Monitoring Station)
/ Web-Client Support



USB 2.0 Mouse / USB Stick Memory
(Front 2x, Rear 2x)



Audio Recording and Playback
(2 way Audio Conference)



User-friendly Server GUI & Front Design
Embedded Linux OS



IR Remote Controller



E-MAP Function Support



Key Features

• USER FRIENDLY GUI

Flexible, Easy and Convenient



The most important factor for any system is ease of use. Our intuitive interface technology with clear, menu-driven options is quick to learn and easy to use. You even have a selection of control devices to choose from, including a mouse or CCTV keyboard.

• DUAL STREAM

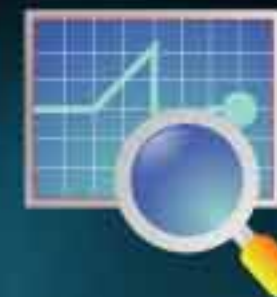
Dual Streaming for High Speed Internet



Dual streaming technology enables high frame rate video online by recompressing the recorded video, and sending you a highly compressed video stream over the internet suitable for viewing online.

• S.M.A.R.T

Self Monitoring Analysis and Reporting Technology



SMART controls the health status of your hard disks. It can discover a probable hard disk drive(HDD) failure by alarm before it actually occurs. S.M.A.R.T is supported by all current HDDs and it allows the early prediction and warning of impending hard disk disasters.

• ADVANCED CMS S/W

Convenient and Versatile Software



CMS is central monitoring software that monitors multiple sites of video, audio and alarm by signaling over networks. It also provides convenient and versatile search, playback and system check for health status.

• POS / ATM

Recording Transaction Data from POS / ATM (Patent Pending)



Transaction history from POS / ATM will be recorded, being synchronized with video, all the data can be managed with flexibility. (Option)

• EXTERNAL STORAGE

Maximum External Storage Extension



e-SATA and network storage can be utilized for longer conservation of the larger scale data caused by high-quality for recording image. (Option)

Intuitive GUI



CMS Features

- Up to x64 Channel Display
- Remote Multi Site Control
- Remote PTZ Control
- Health Check System
- Remote Setup (Configuration)
- Remote Event Search Engine
- Remote Date / Time Search Engine
- 2-Way Audio (Bi-direction)
- Local Recording (NVR Function)
- Local Playback
- Archiving (EXE or JPEG Format)
- Remote Alarm Out Control
- Local Audio Out Volume Control
- Local Account
- Remote Log Display
- Remote Camera Color Adjustment



• CMS Remote Setup



• CMS Watch Log



• CMS Watch PTZ



• CMS Health Check



• CMS Remote Search



• CMS Local Setting



• CMS Remote Event



• CMS Archive

Others



• Web Client



• Estimator



• E-MAP



• Mobile Viewer
(Windows Mobile 6.1 or Higher)

Technical Specifications

Model	S 0412	S 0824	S 1648
Compression	H.264 (Main Profile)		
Signal Format	NTSC or PAL (Auto Selected)		
Video Input	Linux OS in Flash Memory		
Video Output	Composite 4 BNC Inputs	Composite 8 BNC Inputs	Composite 16 BNC Inputs
Loop Output	Composite: 1 (1Vp-p, 75 Ohm)		
Spot Output	3 BNC		
VGA Output	1 VGA		
Max Recording Rate at CIF (FPS)	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Max Recording Rate at H.D1 (FPS)	120 (NTSC) / 100 (PAL)	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)
Max Recording Rate at Full D1 (FPS)	60 (NTSC) / 50 (PAL)	60 (NTSC) / 50 (PAL)	120 (NTSC) / 100 (PAL)
Dual Stream	Dual		
Audio Input	4 Inputs (RCA)	8 Inputs (RCA)	16 Inputs (RCA)
Audio Output	1 Output (RCA)		
Ethernet	10 / 100 Mbps Ethernet (RJ-45)		
PTZ Control	RS-485/422 Serial Port 1		
POS / ATM	Up to 4 Channels Over USB (Optional)		
Alarm Input	4 (TTL) Programmable as NC/NO	8 (TTL) Programmable as NC/NO	16 (TTL) Programmable as NC/NO
Alarm Output	4 (TTL) Programmable as NC/NO	8 (TTL) Programmable as NC/NO	16 (TTL) Programmable as NC/NO
USB Port	4 x USB2.0 (2 x Front Panel, 2 x Rear Panel)		
User Interface (GUI / Control Device)	Yes / Keypad, Mouse, PTZ Control, Remote Controller		
Recording Qualities	Super / High / Standard		
Recording Modes	Schedule / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		
Motion Detection	Yes (22 x 15)		
Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme		
Archive File Format	EXE (Video Clip) / JPEG (Still Image)		
NTP Server	Yes		
GMT Time Zone	Yes		
Auto DST	Yes		
Multi Language	English / Danish / Chinese (Traditional) / Japanese / Korean / Italian / Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian		
Operating System	Embedded Linux		
OS Firmware	Linux OS in Flash Memory		
Emergency Recording Key	Yes		
Primary Storage	SATA HDD (Up to 3+1 or 4+0)		
Clip Copy Storage	Built-in Internal DVD-RW Driver, Via USB HDD, Memory Stick		
Dimension(WxHxD)	430 mm x 88 mm x 380 mm / 16.93 inch x 3.46 inch x 15.75 inch		
Operating Temperature	5°C~40°C / 41°F~104°F		
Operating Humidity	0% ~ 90%		
Power Adapter	Free Voltage 12VDC, 5A		
Power Consumption	Max 37W		
Agency Approval	FCC / CE		

* Design and Specifications are Subject to Change Without Notice.

System Interconnection & Dimension

