



Intermediate H.264 Digital Video Recorder



- » H.264 Compression (Main Profile)
- » User Friendly GUI : Flexible, Easy and Convenient
- » 4CH-HDI Realtime, 8/16CH-CIF Realtime
- » 3G Mobile Viewer : iPhone / Android / Blackberry / MS Mobile
- » Pentaplex Performance
- » Dual Stream : Optimize Network Transfer Speed

P SERIES

H.264 REALTIME

Compact H.264 Realtime DVR



EASY TO USE
Flexible, User Friendly GUI



MOBILE VIEWER
*Mobile View on 3G Device
(iPhone/Android/Blackberry)*



DUAL STREAM
*Dual Stream for
High Speed Internet*



S.M.A.R.T
*Self Monitoring Analysis
and Reporting Technology*



INTUITIVE CMS
*Convenient and
Versatile Software*



PENTAPLEX
*Live & Recording & Play-
back & Network & Archive*

TECHNICAL SPECIFICATIONS

| Model | PP0412 / HP0824 / HP1648 |
|---------------------------------------|---|
| Compression | H.264 (Main Profile) |
| Signal Format | NTSC or PAL (Auto Selected) |
| Video Input | Composite 4 / 8 / 16 BNC Inputs |
| Video Output | 1 BNC (1 Vp-p, 75 Ohm) |
| VGA Output | 1 VGA |
| Spot Output | 1 BNC |
| Max. Recording Rate at CIF (FPS) | 120 / 240 / 480 (NTSC) 100 / 200 / 400 (PAL) |
| Max. Recording Rate at H.D1 (FPS) | 120 / 120 / 240 (NTSC) 100 / 100 / 200 (PAL) |
| Max. Recording Rate at Full D1 (FPS) | 60 / 60 / 120 (NTSC) 50 / 50 / 100 (PAL) |
| Dual Stream | Auto |
| Audio Compression | ADPCM (16 Bit) |
| Audio Input | 1 Input (RCA) |
| Audio Output | 1 Output (RCA) |
| Ethernet | 10 / 100 Mbps Ethernet (RJ-45) |
| PTZ Control | RS-485/422 Terminal Block |
| POS | 4 |
| Alarm Input / Output | 2 / 1 (TTL) Programmable as NC/NO |
| USB Port | 3 Ports (1 x Front Panel, 2 x Rear Panel) |
| 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) |
| User Interface GUI | Yes |
| Auto DST / NTP Server / GMT Time Zone | Yes |
| Multi Language | English / Danish / Chinese (Traditional) / Japanese / Korean / Italian / Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian |
| 3G Communication | iPhone / Android / Blackberry / MS Mobile (Professional 6.1 or Higher) |
| Operating System | Embedded Linux |
| OS Firmware | Linux OS in Flash Memory |
| Emergency Recording Key | Yes |
| Primary Storage | 1 SATA HDD |
| Clip Copy Storage | Memory Stick |
| Dimension(WxHxD) | 290 mm x 50 mm x 274 mm / 11.47 inch x 1.97 inch x 10.79 inch |
| Operating Temperature & Humidity | 5°C~40°C / 41°F~104°F, 0% ~ 90% |
| Power Adapter & Consumption | Free Voltage 12VDC, 3.33A / Max. 14W |

*Design and specifications are subject to change without notice.

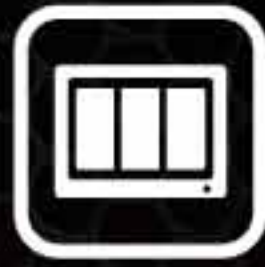
KEY FEATURES



WCS
(Watermark Check System)



Keyboard Controller



VGA / S-Video
Spot Monitor Output



E-Mail Notification



Audio Recording
& Playback



NTP
(Network Time Protocol)



E-MAP
Function Support



POS
(Patent Pending)



DDNS & DHCP Support



Archiving
(JPEG, EXE Format)



IR Remote Controller



Software Upgrade
via Network, USB Port

DIMENSIONS



SYSTEM INTERCONNECTION

