



FEATURES

- High quality of compression algorithm (H.264/MJPEG)
- Encoder/Decoder selectable
- Full-duplex audio/video transmission
- Up to HD resolution (1928 x 1080) at 30fps
- Protocols : TCP/IP, Multicast, HTTP, SMTP, SNMP, FTP, DHCP, DNS, Dynamic DNS , RTP, RTSP
- 1:N Multi-casting and relayed data transmission
- Real time monitoring/recording/playback through CMS viewer S/W and Internet Explorer
- 2 HDMI port support
- HD-SDI support (Optional)
- Dynamic IP support with Dynamic DNS
- Power over Ethernet(PoE) support
- Data storage against network failure or event (USB2.0)
- Watchdog for system recovery
- Support for PTZ and Controller
- Motion detection

Detailed Specifications

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|--------------------------|---|
| System Mode | Encoder, Decoder |
| Network Interface | Ethernet 10/100Base-T (RJ-45) |
| Network Protocol | TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP |
| Standards | Main Stream: H.264 Secondary Stream: H.264, MJPEG |
| Data Rate | 32Kbps ~ 8Mbps |
| Resolution | 1920x1080/60i ~ 352x240/30fps, 18 resolution step |
| Frame Rate Range | 1 ~ 30fps |
| Frame Rate Range | NTSC : 0.2 ~ 30fps / PAL : 0.2 ~ 25fps |
| Input 1 | 1 x HDMI type A, HDMI RX |
| Input 2 | 1 x BNC, Composite or HD-SDI (Option) |
| Output 1 | 1 x HDMI type A, HDMI TX |
| Output 2 | 1 x BNC, Composite or HD-SDI (Option) |
| Motion Detection | Sensitivity Adjustment |
| Standards | G.711 |
| Sample Rate | 8KHz |
| Data Rate | 64Kbps |
| Input | 1 x Line-In (Mini-Stereo, Single Mono) |
| Output | 1 x Line-Out (Mini-Stereo, Single Mono) |
| Port1 | 1 x RS-232 (Terminal Block) |
| Port2 | 1 x RS-422/485 (Terminal Block) |
| Data Rate | 2,400bps ~ 115,200bps |
| Sensor Input | 2 x NO Contact (Terminal Block) |
| Alarm Output | 2 x NO Contact (Terminal Block) |
| Beep | 1 x Buzzer 88dB Min |
| Reset Button | 1 x Factory Reset Button |
| System Status | LED |
| Recording/Backup | 1 x USB 2.0 Port |
| CMS/Web Viewer | Live Monitoring, Recording, Search & Playback, Backup |
| Dimension(W) x (D) x (H) | 0.44" x 0.41" x 0.11" / 134 x 125 x 35mm |
| Weight | 17.78oz / 504g |
| Power Source | DC 12V/0.8A, PoE(Power over Ethernet): 802.3af |
| Power Consumption | Max 9.6W |
| Operating Temp. | 14°F ~ 122°F / -10°C ~ 50°C |