

the i-Volution™ 3801 MULTI-PORT ENCODER

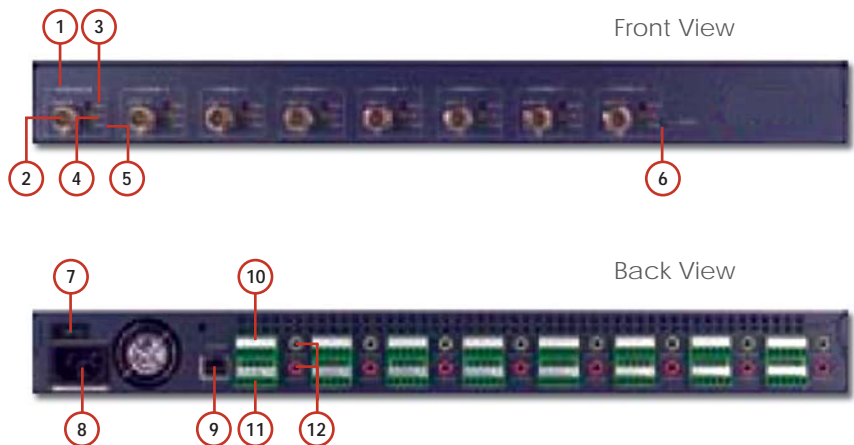
The i-Volution 3801 (i3801-E) Video-over-IP encoder delivers outstanding performance for video surveillance applications requiring controlled frame rate video or full motion video. The i3801-E encodes 8 video to MPEG-4 streams plus 8 data channels for transport over a standards based IP network. The compact 1U format provides a cost effective means of expanding the channels support when you are ready.



- MPEG-4 ASP compliant compression
- Full D1 or CIF resolution at 30/25 FPS
- QoS enabled (L3) video streaming
- Digital time code embedded per channel
- Isolated digital input and output pairs per channel
- Serial ports (RS-485 or RS-232 or RS-422) per channel
- Two way audio ports per channel
- 1U form factor for rackmount

applications

- Security Surveillance
 - Airports
 - Military
 - Industrial Complexes
 - Hospitals
 - Campuses
 - Detention Centers
- Transportation Monitoring
 - Road (ITS)
 - Rail/Light Rail
 - Subway/Metro



- 1 Channel number
- 2 Video input
- 3 Power LED
- 4 LAN LED
- 5 RS-485 LED
- 6 Reset button
- 7 Power switch
- 8 AC power input
- 9 Ethernet port
- 10 Digital input & digital output
- 11 Serial port
- 12 Audio input/output



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MULTI-PORT ENCODER

Video (Compression)	
Compression	MPEG-4 ASP compliant
Resolution	Full D1 (720 x 480 in NTSC, 720 x 576 in PAL) CIF (352 x 240 in NTSC, 352 x 288 in PAL) QCIF (160 x 112 in NTSC, 176 x 144 in PAL) (per channel)
Bit Rate	28 K - 3 M bps (per channel)
Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL) (per channel)
Multi-stream	Up to 4 configurable streams per channel
Video Input	
Composite Input	8, CVBS, 1.0Vp-p with 75 Ω loading, BNC connector
Video Output	
Composite Output	N/A
Audio Input	
Compression	8 kHz, Mono, PCM
Audio Line Input	8, Unbalanced, 1.4 Vp-p, 1 Vrms, 3.5 mm Phone Jack
Audio Output	
Compression	8 kHz, Mono, PCM
Audio Line Output	8, Unbalanced, 1.0 Vp-p, 1 Vrms, 3.5 mm Phone Jack
Alarm	
Input	2, TTL, terminal block (per channel)
Output	2, TTL, terminal block (per channel)
Data	
Interface	RS-485: half duplex, terminal block RS-422: full duplex, terminal block RS-232: full duplex, terminal block (per channel)
External I/O	
Reset Button	Factory Default
LED	System Status (per channel)
Network	
Ethernet	Ethernet (10/100Base-T), RJ-45 connector
Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP, FTP, SMTP
Software	
Web Browser	Microsoft Internet Explorer 6.0 or above
SDK	ActiveX control, C SDK
Security	Password Protection: configured by the administrator
Environmental	
Temperature	5 ~ 50° C (40 ~ 122° F)
Power	
Requirement	AC 100 - 240 V 50/60 Hz
Consumption	300 W
Physical	
Dimensions	434 mm x 236 mm x 44.3 mm (17.09" x 9.295" x 1.744")
Weight	4.2 Kg



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