

# the i-Volution™ 3101

## CENTRAL DECODER



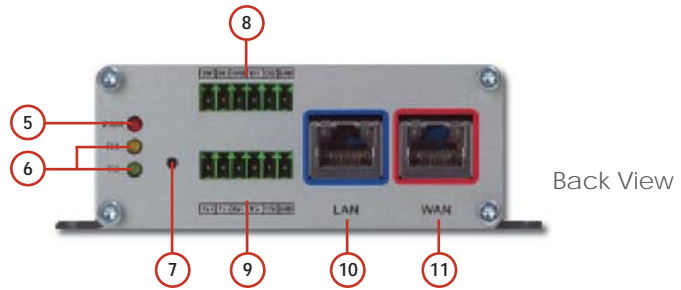
The i-Volution 3101 Decoder (i3101-D) Video-over-IP decoder compliments the i3801-E encoder. The i3101-D decodes 1 MPEG-4 video to PAL/NTSC analog video received from i3000 series encoders such as the i3101-E and i3801-E encoders.



- Up to full D1 MPEG-4 video decompression at 30/25 FPS
- QoS enabled (L3) video streaming
- Dual MPEG-4 video stream input via LAN or WAN (PPPoE supported) ports at the same time
- Digital time code retrieved
- Decodes up to 16 different I-Volution 3000 Encoder set in patrol
- Two way audio supported

### applications

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



- 1 Serial port setting
- 2 Audio input/output
- 3 Analog video output (Y/C)
- 4 Analog video output (composite)
- 5 Power LED
- 6 Serial port LED
- 7 Reset button
- 8 Digital input & digital output
- 9 Serial port & power DC
- 10 LAN port
- 11 WAN port



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### Video

Decompression	MPEG-4 ASP compliant compression
Picture Resolution	Full D1 (720 x 480 in NTSC, 720 x 576 in PAL) CIF (352 x 240 in NTSC, 352 x 288 in PAL)
Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL)

### Video Output

Composite Output	CVBS, 1.0Vp-p with 75 $\Omega$ loading, BNC connector Y/C, 1.0Vp-p with 75 $\Omega$ loading/0.286Vp-p with 75 $\Omega$ loading, S video connector
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### Audio Input

Compression	8 kHz, Mono, PCM
Audio Line Input	Unbalanced, 1.4 Vp-p, 1 Vrms, 3.5 mm Jack

### Audio Output

Compression	8 kHz, Mono, PCM
Audio Line Output	Unbalanced, 1.4 Vp-p, 1 Vrms, 3.5 mm Jack

### Alarm

Input	2, TTL, terminal block
Output	2, TTL, terminal block

### Serial Data

Interface	RS-485: half duplex, terminal block RS-422: full duplex, terminal block RS-232: full duplex, terminal block
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### External I/O

Reset Button	Factory Default
LED	System Status

### Network

LAN Port	Ethernet (10/100Base-T), RJ-45 connector
WAN Port	Ethernet (10/100Base-T), RJ-45 connector
Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP, FTP, SMTP

### Software

Manager	Microsoft Internet Explorer 6.0 or above
SDK	ActiveX control, C SDK
Security	Password Protection: configured by the administrator

### Environment Temperature

	5 C to +50 C
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### Power

Requirement	DC 12 V $\pm$ 10%
Consumption	7.5 W

### Physical

Dimensions (WxHxD)	112 mm x 37.2 mm x 119 mm (4.41" x 1.46" x 4.68")
Weight	350 g (0.66 lb)



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