

SED-2100

Din-rail Type MPEG-4 Video Server

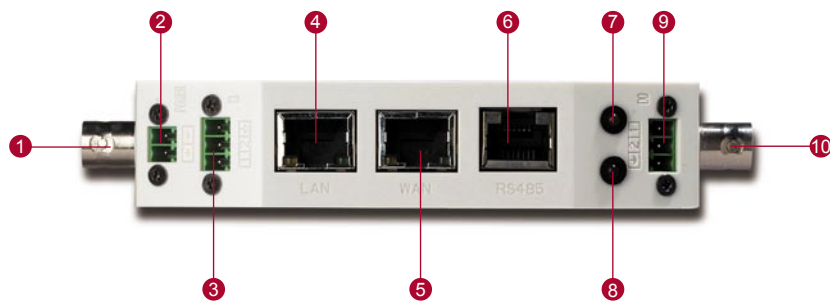


- MPEG-4 ASP compliant compression
- CIF up to Full D1 resolution at 30/25 FPS
- Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- Digital time code embedded
- Motion detection

► Transmit analog image into digital data with ultra high resolution

The SED-2100 is a high resolution, Ethernet (LAN and WAN) ready digital video transmission device. It is specially designed to meet the increasing need for high quality, high reliability, real-time video streaming used in the field of surveillance and security.

The SED-2100 is based on Arm9 SoC, MPEG-4 ASP compliant compression technology to compress the video stream and transmit them via LAN and WAN. It supports automatic/manual frame rate control for concurrent video stream accessing in different bandwidth. The SED-2100 also provides RS-485 and digital I/O data transmission over Ethernet for product integrators or solution providers. With this system, users can build digital remote surveillance systems easily.



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|----------------------|-----------------------|
| ① Analog video input | ⑥ RS-485 port |
| ② DC power input | ⑦ RS-485 LED |
| ③ Digital input | ⑧ Power LED |
| ④ LAN port | ⑨ Digital output |
| ⑤ WAN port | ⑩ Analog video output |



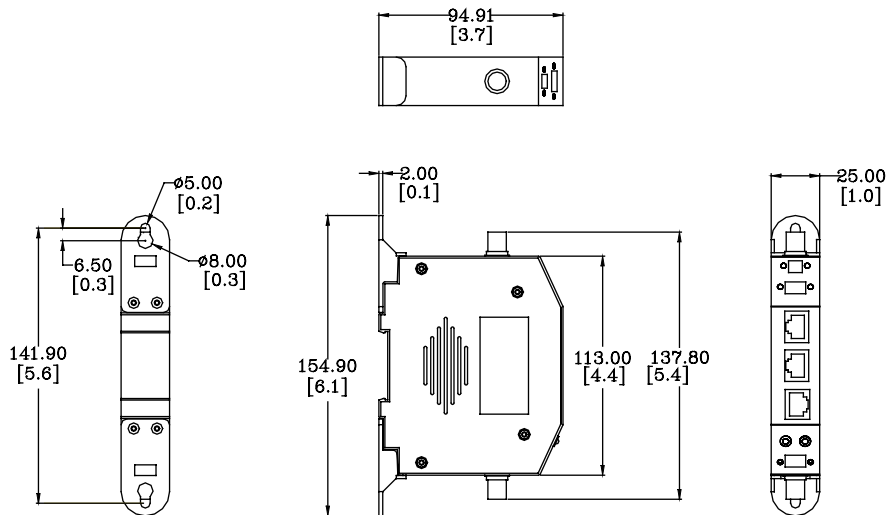
PRODUCT SPECIFICATION

Video (Compression)		Network	
Compression	MPEG-4 ASP compliant compression	LAN Port	Ethernet (10/100Base-T), RJ-45 connector
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)	WAN Port	Ethernet (10/100Base-T), RJ-45 connector
Bit Rate	28 K ~ 3 M bps	Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE
Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL)	Software	
Video Input		Web Browser	Microsoft Internet Explorer 6.0 or above
Composite Input	CVBS, 1.0Vp-p with 75 Ω loading, BNC connector	SDK	ActiveX control, C SDK
Video Output		Security	Password protection : configured by the administrator
Composite Output	CVBS, 1.0Vp-p with 75 Ω loading, BNC connector	Operating	
Alarm		Temperature	5 ~ 50 °C (40 ~ 122 °F)
Input	2, TTL, terminal block	Power	
Output	2, TTL, terminal block	Power Requirement	DC 12 V ±10%
Remote Control		Power Consumption	7.5W
Serial Port	RS-485: half duplex, RJ-45	Physical	
External I/O		Dimensions (WxHxD)	25 mm x 113 mm x 95 mm (0.98" x 4.45" x 3.74")
Reset Button	Factory default	Weight	200 g (0.44 lb)
LED	System / power status		

ORDERING INFORMATION

Model Name	Full D1	CIF	4 MB Flash
SED-2100R	V		V
SED-2100S		V	V

DIMENSION DIAGRAM



Unit: mm [inch]

* All specifications are subject to change without notice.
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