



A&E Specifications

SPE-101 Single Channel Compact Network Encoder

Version 1.0

1. GENERAL

- a. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.
- b. All systems and components shall have been thoroughly tested and proven in actual use.
- c. All systems and components shall be provided with an explicit manufacturer warranty.

2. ELECTRICAL

- a. Input Voltage 12V DC PoE (IEEE802.3af)
- b. Power Consumption Maximum 3.2 Watts

3. OPERATIONAL

- a. Video In CVBS 1.0Vp-p (NTSC/PAL auto detect)
- b. De-interlacing Filter Built-in
- c. Event Trigger Motion Detection, Video Loss
- d. Remote Control Interface RS-422/485
- e. RS-485 Protocol Samsung T/E, Pelco D/P, Panasonic, Honeywell, AD, Vicon, GE, Bosch, Sungjin

4. NETWORK

- a. Ethernet RJ-45 (10/100Base-T)
- b. Compression H.264 / MPEG-4 / MJPEG
- c. Resolution PAL 704 x 576, 640 x 480, 352 x 288, 320 x 240
- d. Max. Frame Rate 25fps at all resolutions
- e. Video Quality Adjustment H.264, MPEG-4 Compression Level, Target bitrate level control, MJPEG : Quality level control
- f. Bitrate Control Method H.264 / MPEG-4 : VBR or CBR, MJPEG : VBR
- g. StreamingCapabilities Multiple streaming up to 10 profiles simultaneously)
- h. IP IPv4 / IPv6
- i. Network Protocol TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, PPPOE, SMTP, ICMP, IGMP, SNMPv1/v2c/(MIB-2), ARP, DNS, DDNS,
- i. Security HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log. 802.1FX authentication
- j. Streaming method Unicast / Multicast
- k. Maximum User Access Max. 10 users at unicast mode
- l. ONVIF Conformance Yes
 - i. Administrator Full control privilege
 - ii. Guest Live monitoring only
 - iii. Additional User Configuration privilege individually



- 5. WEB BROWSER VIEWER (default)**
 - a. Support OS Windows XP, (Service Pack 2 or higher) VISTA 7, Mac OSX (10.4.8 or higher)
 - b. Supported Browser MS IE7.x, 8.x, Firefox 2.x, 3.x, Google Chrome
- 6. VIDEO MANAGEMENT SOFTWARE** NET-I viewer
- 7. ENVIRONMENTAL CONDITIONS**
 - a. Operating Temperature -10°C - +50°C
 - b. Operation Humidity 20% - 80%RH
- 8. MECHANICAL**
 - a. Dimensions : 43 x 29 x 95.5 mm (WxHxD) Connector included
 - b. Weight: 115g
- 9. WARRANTY** **3 years, parts and labour**

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