

Cisco D9023 Multichannel Encoder

Product Overview

The Cisco® D9023 Multichannel Encoder provides dense, low-power consumption for digital headend applications. It is ideal for applications requiring cost-effective MPEG-2 SD encoding in a dense package.

Figure 1. D9023 Multichannel Encoder



Features

- Multi-channel encoder that supports 9 channels
- Redundant Gigabit IP Outputs
- MPEG-2 CBR encoding
- One Dolby Digital audio encoded stereo pair or MPEG-1 audio encoding per video channel
- Remote management, monitoring and upgradeability
- GUI-driven configuration and management
- SNMP-based alarms and traps
- Password protection
- Lockable front doors
- Internal temperature sensing and alarms

Specifications

Table 1. Product Specifications

| Parameter | Value |
|--|--|
| Video | |
| Input | Composite Analog, PAL B/G |
| No. of Channels | 9 |
| Encoding | MPEG-2 MP@ML |
| Chroma Format | 4:2:0 |
| Resolution | Up to 720 x 576 |
| Frame Rates | 25 fps |
| Encoding Bit Rates | 1.5 to 8.0 Mbps |
| Bit Rate Modes | CBR |
| Closed Captioning | SCTE-20 (DVS 157), SCTE-21 (DVS 053) |
| Processing | Frame type and GOP adjustments |
| Output Impedance | 75 Ω |
| Connector Type | BNC |
| Audio | |
| Input | Analog (unbalanced) |
| Operating Modes | Dolby Digital: Mono, Dual Mono or Stereo MPEG-1 Layer II: Mono, Dual Mono, Stereo or Joint Stereo |
| Encoding | MPEG-1 Layer II, Dolby Digital |
| Analog Sample Rates | Dolby Digital: 32, 48 kHz MPEG-1 Layer II: 32, 44.1, 48 kHz |
| Coding Rate | 32 - 448 kHz |
| Output Impedance | 10 k Ω |
| Connector Type | Mini-stereo jack includes 6 In. converter cable with female RCA plugs |
| IP Output | |
| Output Interface | Redundant Gigabit Media Interfaces |
| Rate | 10/100/1000BaseT (Auto Negotiate) |
| Duplex | Full Duplex (Auto Negotiate) |
| Type | Unicast or Multicast |
| Format | MPEG-2 SPTS |
| Connector Type | RJ-45 |
| Environmental Specifications | |
| Operating Temperature Range | 0°C to 50°C (32°F to 122°F) |
| Humidity | 0 to 95%, non-condensing |
| Current | 3.0 A |
| Storage | -20°C to 70°C (-4°F to 158°F) |
| Chassis Mechanical Specifications | |
| Height | 5.25 in. (13.34 cm) |
| Width | 19.0 in. (48.26 cm) |
| Depth | 20.8 in. (52.83 cm) |
| Weight | 31 lbs (14.1 kg) |
| Power | |
| Voltage Range | 100 V to 240 V AC |

| Parameter | Value |
|-------------------|---------------------------|
| Line Frequency | 50/60 Hz |
| Power Consumption | 300 W max., 200 W typical |

Ordering Information

Table 2. Ordering Information

| Cisco D9023 Encoder | Part Number |
|---|-------------|
| D9023 (Base version) | |
| 9 video encoding channels, 9 stereo audio pairs, 9 stereo jack to RCA plug adapters, no power cord (order separately) | D902301 |
| Power Cords | |
| Argentina power cord | 207340 |
| China power cord | 745415 |
| Australia power cord | 1000897 |
| Euro power cord | 3989835 |
| UK power cord | 3989836 |
| US power cord | 3989838 |
| Italy power cord | 3993130 |
| Japan power cord | 3993133 |
| India power cord | 4035414 |



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1-800-722-2009 or 678-277-1120
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