



Features

Single T1 port

Cisco Call Manager Express (CME) installed

Switch Types: 4ESS, 5ESS, DMS100, DPNSS, NET5, NI, NTT, QSIG

Framing

Line coding

Echo cancellation

G.711 and G.729 codecs

Rackmount hardware package included

RoHS compliant

Cisco T1 PRI SIP Gateway

The Cisco T1 PRI SIP (Session Initiation Protocol) Gateway is a telephony gateway that allows Scout systems to interface with T1 ISDN circuits.

Avtec ships this Cisco 4331 chassis installed with a One-Port T1/E1 Multiflex Trunk Voice/WAN Network Interface Module (NIM).

This SIP Gateway also comes installed with Cisco Call Manager Express (CME), which includes 25 user licenses.

GENERAL SPECIFICATIONS

Interface Type: T1

Cisco IOS Software Release: 16.6.3

Compliance: FCC Class A device, CE

Safety Conformance: UL60950

Address Signaling Formats: In-band DTMF

Signaling Modes: Loop start, ground start, wink start

Battery Polarity Reversal Detection: Detection of disconnect supervision and far-end answer supervision via battery polarity reversal

MTBF: 587,250 hours

Codecs Supported: G.729 and G.711 uLaw

Echo Cancellation: Up to 128 ms

Warranty: 1 year

PHYSICAL AND POWER SPECIFICATIONS

PHYSICAL

Unit Dimensions (HxWxD): 1.73 in × 17.25 in × 19.97 in (4.39 cm × 43.82 cm × 50.72 cm)

Rack Height: 1 RU (rack unit)

Maximum Weight: 16.1 lb (7.3 kg)

Airflow: I/O side to bezel side

Physical Connector: 2 RJ45 ports

Number of Connectors/Ports: 1

Operating Temperature: 32 °F – 104 °F (0 °C – 40 °C)

Operating Humidity: 5% – 85% non-condensing

POWER

AC Power: 100-240 volts AC autoranging

AC Input Frequency: 47 to 63 Hz

AC Input Current Range AC Power Supply (Maximum): 3 to 1.3A

AC Input Surge Current: 60 A peak and less than 5 Arms per half cycle

Maximum Power with AC Power Supply (Watts): 250

COMPLIANCE AND STANDARDS SPECIFICATIONS

REGULATORY COMPLIANCE

Safety: UL 60950-1 CAN/CSA C22.2 No. 60950-1 EN 60950-1 AS/NZS 60950-1 IEC 60950-1

EMC: 47 CFR, Part 15 ICES-003 Class A EN55032 Class A CISPR32 Class A VCCI V-3 CNS 13438 EN 300-386 EN 61000 (Immunity) EN 55024, CISPR 24 KN22, KN24

Telecom: TIA-968 -B CS-03 ANSI T1.101 ITU-T G.823, G.824, IEEE 802.3 RTTE Directive

Environmental: RoHS Compliant (Restriction of Hazardous Substances)

SUPPORTED STANDARDS

Telco: FCC Part 68, TS-016, TBR4, TS-038, CS03

A full list of specifications for the Cisco 4331 Integrated Services Router can be found on the Cisco website.