

Refurbished CISCO IAD2432-24FXS Datasheet

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Cisco IAD2400 Series Integrated Access Devices

Feature and Benefit Summary

Feature	Benefit
Works with Both Class 5 Switch-Access and Class 5 Switch-Alternative Architectures	Provides compatibility with current and emerging voice architectures Allows transparent service migration Works throughout the service provider network
Enables TDM Voice, VoIP, and VoIP over ATM	Gives freedom of choice to service providers and end users Allows service providers to meet the needs of a diverse customer base
Delivers SNAP Technology and Cisco Configuration Express Tools	Allows remote installation and configuration with minimal technician involvement Reduces or eliminates truck rolls and associated costs Requires technicians with less training Allows immediate service additions and deletions to be performed remotely Speeds customer service and support Allows direct shipment to end-user site, thereby eliminating warehousing of inventory and manual handling
Provides 3DES Co-Processor Encryption Engine	Enables fast and strong encryption for security Provides peace of mind for SMB customers
Provides Interoperability with a Wide Variety of Vendors	Allows service providers to design and configure networks that fit specific needs Eliminates compatibility concerns with major vendors
Integrates with the End-to-End Cisco Solution	Reduces training and maintenance costs Works with the other components of Cisco packet voice solutions
Delivers Toll-Quality Voice Service	Provides the level of voice quality end users have come to expect
Offers Proven Reliability	Provides trouble-free operation to end users Reflects favorably on the service provider offering quality
Enables Service Flexibility	Allows service changes to be performed instantly and remotely

Voice Port

Tip/Ring Interfaces for each FXS Port (SLIC)

Ring Voltage	50V if no DC offset
Ring Frequency	20, 25, 30, 50 Hz
Ring Waveform	Sine wave if no DC offset 20 and 24 V dc offset will be trapezoidal
Ring Load	1400 ohm + 40µF (Up to three ports at once)
Ringer Equivalence Number (REN)	Up to 5 REN per FXS port, 12 REN per system

On-Hook/Off-Hook Characteristics

On-Hook Voltage (Tip/Ring)	-50 V (idle voltage high is set) 20 V (idle voltage low is set)
Off-Hook Current	25 mAmp (nominal)
RJ-11 FXS Port Terminating Impedance Option	600 ohm complex, 600 ohm real, 900 ohm complex, 900 ohm real, complex1 and complex2

FXS Ports Power Cross Test Results

NEBS Tests - Type 1/3 - Power Cross - Result
(Tip/Ring to Ground)

50 V/0.33 A; 15 Min	Pass
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100 V/0.17 A; 15 Min	Pass
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200 V/1 A; 1 s Pulses, 60 Reps	Pass
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The next steps...

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Tel: +44 (0)1279 408 777

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