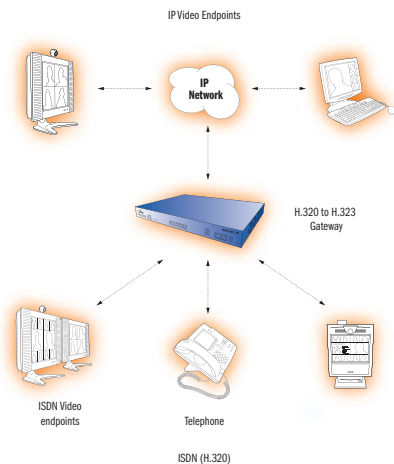




TANDBERG Codian ISDN GW 3201 Series

A high-capacity and scalable gateway that grows with your business demands. Provides seamless integration between IP and ISDN networks with complete feature transparency, including high definition (HD), enabling organizations using ISDN to enjoy the benefits of HD videoconferencing.



DESIGN FEATURES

- Standards-based and compatible with all major vendors' endpoints
- Pay as you grow — buy the capacity you need now and a simple license upgrade in the future
- Easily configurable unit
- Comprehensive remote Web management
- Compact size: 1U tall and 19" rack mountable

APPLICATION FEATURES

- Provides seamless integration between IP and ISDN devices
- Fully integrated, with built-in gatekeeper
- Powerful dial plans ensure that your calls get routed efficiently
- H.239 for presentation sharing capabilities

PERFORMANCE FEATURES

- Video resolutions up to High Definition 720p at 30fps
- Supports up to 4 PRI ISDN ports in a single unit
- Up to 120 voice calls at 64 Kbps
- Up to 60 video calls at 128Kbps
- Bandwidth per call from 64Kbps to 2Mbps
- AES encryption

GET THE MOST FROM YOUR INVESTMENT. WITH **PROFESSIONAL SERVICES**, TANDBERG EXPERTS SUPPORT TANDBERG CODIAN ISDN GW 3201 SERIES DEPLOYMENT AND TRAINING. VISIT WWW.TANDBERG.COM

MODEL	T1/E1 ISDN PRI INTERFACES	MAXIMUM VIDEO CALLS 384 KBPS T1/E1	MAXIMUM VIDEO CALLS 768 KBPS T1/E1	MAXIMUM VOICE CALLS 64 KBPS T1/E1
ISDN GW 3241	Up to 4 PRIs, 1 enabled	15/20	7/10	92/120
ISDN GW 3241-PL		1 additional PRI port license		
GKO-100/GKO-300		Gatekeeper Option — increases number of registrations with built-in H.323 gatekeeper from 25 to 100 or 300		

ENDPOINTS SUPPORTED

H.323 IP voice and video endpoints
H.320 ISDN voice and video endpoints
PSTN audio only calls (telephones) through ISDN

VIDEO STANDARDS

H.261, H.263, H.264

VIDEO RESOLUTION

QCIF, QSIF, CIF, SIF, iCIF, iSIF, 288p, 384p, 400p, 448p, VGA, 4CIF, 4SIF, 480p, SVGA, 576p, XGA, 720p

FRAME RATES

Up to 30 frames per second and 60 fields per second

AUDIO STANDARDS

G.711, G.722, G.728, Polycom® Siren14™/G.722.1 Annex C

PROTOCOLS

H.323 v4, H.320, H.235 (AES), H.239 (dual video), FTP, RTP, HTTP, DHCP, SNMP, NTP

ISDN BONDING

BONDING (ISO 13871)

H.221 aggregation

Automatic downspeeding on loss of ISDN B channels

BANDWIDTH

H.320/H.323 calls supported up to 2 Mbps

Total bandwidth and number of sites supported is limited only by ISDN capacity

PRESENTATION/DATA COLLABORATION

Data from H.239 (dual video) capable endpoints

CALL ROUTING FROM ISDN (H.320/PSTN)

IVR/auto attendant

Direct Inward Dialing (DID)

Default (Operator) extension

Call routing to MCU/multipoint conference bridge

Digit manipulation

Flexible dial plan

CALL ROUTING FROM IP (H.323)

IVR/auto attendant

Dial by E.164 address

Digit manipulation

Flexible dial plan

Dial from MCU with and without a gatekeeper

EMBEDDED WEB SERVER

Complete configuration, control and monitoring of the system

SYSTEM MANAGEMENT

Management via embedded Web server

XML API

RS-232 for local control and diagnostics

Syslog for diagnostics

Configurable event logs and full H.323 decoding

Configuration backup to network

Secure upgrades through Ethernet or CompactFlash

Call Detail Records downloadable as XML

SNMP

QUALITY OF SERVICE

Configurable DSCP or TOS/IP precedence

H.323 flow control

Dynamic jitter buffers

SECURITY FEATURES

Administrator, User and Guest passwords

Secure non-PC hardware and operating system

INTERFACES

RJ45 ISDN PRI ports

RJ45 Ethernet, 10/100/1000 Mbps full/half duplex,

manual or auto sensing

RJ45 serial port

CompactFlash socket

Up to 27 status LEDs

ENVIRONMENTAL DATA

Operating temperature 0°C to 35°C ambient

Relative humidity below 95% (non-condensing)

PHYSICAL DIMENSIONS

Height 1.73; 44 mm (1U)

Width 17.2; 437 mm

Depth 12.3; 312 mm

Weight 9 lbs, 4kg

19" rack mountable (kit supplied) or standalone

Power 100–240 VAC, 50/60Hz

110W max power consumption

APPROVALS AND COMPLIANCE

European safety: EN 60950-1:2001

USA safety: UL 60950-1 First Edition

Canada safety: CSA 60950-1-03

CE Marked

EMC:

EN55022 class A,

EN61000-3-2, EN61000-3-3

EN55024; EN61000-4-2,-3,-4,-5,-6,-11,

FCC Part 15 class A,

VCCI class A,

AS/NZS 3548 (C-Tick),

CCC Approved: GB4943-2001, GB9254-1998,

YD/T993-1998

Telecoms:

USA TIA-968-A: October 2002, 47 CFR Part 68:

October 2004,

Canada: IC CS-03, Issue 9, Part VI,

Europe: ETS 300 046-3,

Japan: Ordinance of MPT No 31, 1984,

China: NAL Certificate

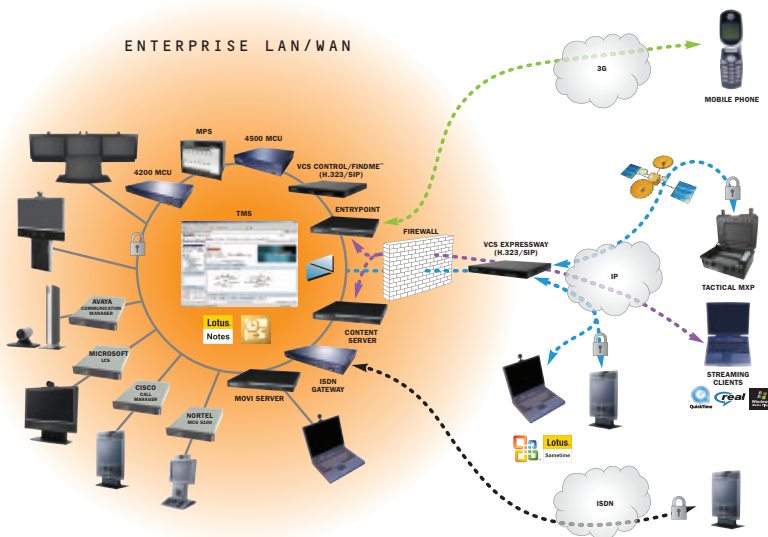
RoHS compliant

All specifications subject to change without notice, system specifics may vary.

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TANDBERG

Codian ISDN GW 3201 Series

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