

# IntegratorC-2300 VoIP Gateway Series



## C-2308, C-2312

The IntegratorC-2300 VoIP Gateway Series is designed to meet the rigorous demands of today's Telco, or Service Provider (SP). Handling anywhere from 4 to 360 voice ports per chassis and scalable to over 5,000 ports, the C-2300 is a true carrier class solution.

The Integrator is fully H.323 v2 compliant and is complete with many additional features including Real-Time Fax over IP (FoIP), incorporated GateKeeper functionality (GateKeeper Lite), integrated messaging, and a full range of industry standard VOCODERS.

The C-2300 also incorporates SciDyn's unique BubbleLINK software architecture, which boasts a distributed process architecture that achieves the maximum level of efficiency, and availability, of services across the network. Features of the software include interfaces for RADIUS authentication and billing servers and the capability of handling messaging in 99 different languages simultaneously.

## Standard Features

- Analog and digital connections provide configuration flexibility
- Multiple T1/E1 connections expand port capacity for new users.
- QuickConnect® cable management system allows chassis to be replaced in less than five minutes
- Built-in GateKeeper Lite™ eliminates separate network management device
- BubbleLINK® software simplifies network management and offers rapid deployment of new applications
- Easy-to-use configuration wizard
- Real-time call rating and address translation
- Robust multilingual prompting system
- SMDR/CDR data collection
- Billing, Authentication and Debit system interfaces

## Service Options

- On-site customized training
- Network management
- Interoperability testing
- Network design/architecting
- Other consulting services



# IntegratorC-2300 Specification Sheet

## Dimensions:

- 8.75" (H) x 8.75" (W) x 16.91" (D), 17.9" (D) with handle
- 22 cm (H) x 22 cm (W) x 43 cm (D), 45 cm (D) with handle

## Weight:

- 14.9 lbs. (6.76 kg) includes power supply, fan, backplane and face plate

## Power:

- Autoswitching 120 to 240V AC
- 300-Watts Maximum
- Redundant power supply

## Optional:

- -48V DC

## Operating Environment:

- Temperature: 23–40°C
- Humidity: 10–90% noncondensing
- Altitude: Up to 10,000 ft. (3050m)

## Telephony Ports:

- C-2308:
  - Up to 192 channels (T1)
  - Up to 240 channels (E1)
- C-2312:
  - Up to 288 channels (T1)
  - Up to 360 channels (E1)
- ISDN PRI
- CAS
- DTMF & MF signaling
- Framing: DS3/DS4, ESF
- Line Coding: AMI, B8ZS, HDB3

## LAN Interfaces:

- 10/100 Base T

## Other Interfaces:

- Internal modem for dial-up access
- Telnet
- SNMP
- Radius
- Billing and authentication
- Debit/prepaid
- Call Control (and recording for Call Control)

## Software:

- BubbleLINK® Software Architecture
- Station Message Detail Record Output (AMA)
- H.323 v2 protocol support
- GateKeeper Lite™ IP/Telephone Number Resolution
- N+1 Fault Tolerance Software

## Voice:

- G. 711, G.723, G.729a, and GSM Voice Compression Algorithms (64Kbps, 6.4Kbps, 8Kbps)
- Echo Cancellation
- Silence Suppression
- Background Regeneration
- Gain Control
- Multi-Language Interactive Voice Prompting

## Fax:

- T.38 Fax over IP
- Real-time ITU T.30 Fax over IP



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