MILLENNIUM®

VoIP Data Sheet
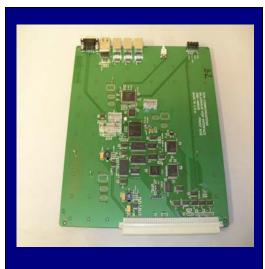
IPConnect and IP Phone 500

eOn IP Phone 500

Choosing the right solution for your enterprise communications needs should not be constrained by technology limitations. That's why eOn Communications has made the choice simple with Millennium IPConnect. With IPConnect, the Millennium System offers IP, digital and analog technologies—enabling you to deploy traditional, IP telephony or a combination of both when and where it's right for your organization.

Whether you need to connect several phones in an office, hundreds of phones in a campus environment or clusters of remote workers, Millennium IPConnect allows you to create a virtual enterprise, maximizing productivity while reducing networking and equipment costs. IPConnect is compatible with existing Millennium Systems.

The **eOn IP Phone 500** provides easy access to the Millennium's advanced telephony and messaging features to users located anywhere there is an IP network connection. The IP Phone 500 is WAN/LAN capable using 10/100 base T Ethernet with auto-sensing and switching, complies with industry standards including SIP and Dynamic IP Support (DHCP and PPPoE) and is remote software upgrade.

The **IPConnect Station Card** (IPSC) provides an industry standard TCP/IP interface. It provides up to 32 concurrent IP users with 100% non– blocking voice communications between IP stations, digital trunks, and analog trunks. It is also compatible with many third party SIP compliant desktop devices.

IPConnect Station Card

Features and
Technical Specifications

IP Connect Station Card (IPSC) Characteristics:

- Supports 32 concurrent IP users
- Supports 100% non-blocking voice communication between IP Telephones, and Digital Telephones, Analog Telephones, Digital Trunks & Analog Trunks
- Supports G.711 Voice Codec
- Automatic Codec Negotiation
- Voice Activity Detection (VAD)
- Supports Silence Suppression
- Occupies a single interface card slot (requires open paired slot)
- Provides a high speed (2Mbps) Ethernet connection

- Provides standard TCP/IP interface
- Remote software upgrade capability (via FTP)
- Supports Standard SIP and eOn Communications IP Multi-line family of telephones
    * 802.1q
    * 802.1p
    * DiffServ
    * VLAN
- Supports Static or Dynamic IP mode
- Supports 10/100 Base-T Ethernet for LAN
- Requires Software version v3.11-001 or higher
- Scalability - Up to 32 cards per system

General Specifications: IP Phone 500 (Part # 274707-VIP-PAK)

- Supports 10/100 Base-T Ethernet for LAN
- Supports 10/100 Base-T Ethernet for PC
- LCD: 2 x 16 characters
- Supports Dynamic IP & Static IP
- Remote software upgrade capability (via FTP)
- Message Waiting indicator
- Supports G.711 voice codec
- Local power via wall transformer or PoE-802.3a

- Message Retrieval Button
- Call Transfer
- Volume Control
- 10 One-Touch memory keys
- Redial
- Hold
- Hands-free
- Supports Silence Suppression

Advanced Telephone Set Features:

- All Call Announce
- Automatic Call Transfer
- Break - In
- Broker's Hold
- Busy Prime Line Indication
- Button Change
- Call Announce
- Call Forward
    * Local
    * CFDA
    * CFBDA
    * CFFM
- Call Park
- Park to Specific Zone
    * Park
    * Answer
    * Query

- General Park
    * Park Answer
    * Query
- Caller ID
- Call Forward
    * Block
    * Unblock
- Camp – on
- Camp - on Answer hold
- Cancel
- Class -of- service
- Clear Active Features
- Conference
- Direct Extension Selection
- Direct Ring Prime
- Do - Not -Disturb (DND)

- Override
- Hold
    * System Hold
    * Transfer Hold
    * Conference Hold
- Intercom
    * Hotline Intercom
- Monitor
- Music
    * Music– on-Hold
- Zone Paging
- Privacy
- Release

Network Requirements:

- 10/100 Ethernet connection
- Ethernet switch
- DHCP Server
- DNS Server
- Optional FTP Server
- Optional SIP compliance Fire-wall
- Optional Power Over Ethernet (PoE) 802.3a

***Note**-Specifications and Features subject to change without notice*