



MicroComm DXL

IMS-641

VoIP Intercom Master Station

Description

The IMS-641 is a telephone style intercom master station that uses Voice over Internet Protocol (VoIP). The IMS-641 connects to an exchange via the Inter Exchange Network (an Ethernet network).

The IMS-641 includes a large 128x64 pixel graphical display and provides the operator with audio communication, paging, and monitoring functions as well as alarm and control functions. It also permits the operator to receive and place calls, make public address and station group call announcements, and manage system background music operations. Other features include the ability to acknowledge, cancel, and reset incoming alarms and to monitor, activate and deactivate output points.

The IMS-641 operation is similar to the IMS-640 and will replace the IMS-64 in future DXL systems.

Features

- high quality desk telephone
- handset microphone and speaker
- large backlit graphical display 128x64 pixels
- standard 12 button keypad
- four context-sensitive LCD softkeys
- dedicated keys for: Release, Mute, Speaker, Volume, Control, and Navigation
- headset jack
- hearing aid compatible
- configurable ring tones and ringer volume
- visual alarm indicator
- two position stand
- PC uplink Ethernet port
- 36 Vdc wall adapter (included) or Power-over-Ethernet (POE)
- 14 user configurable keys

Software Features Supported

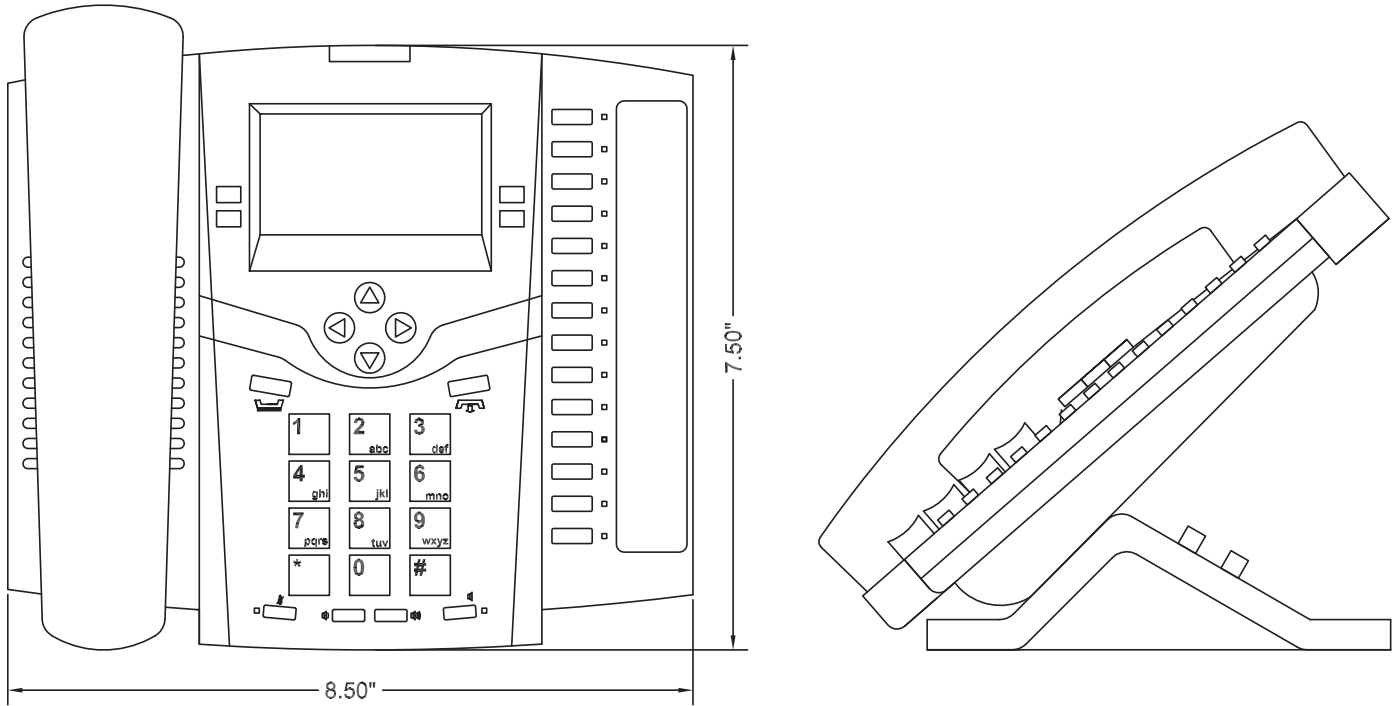
- Paging
- Station Directory
- Call Transfer
- Auto Dialer
- Hold
- Press to Talk (PTT)
- Monitor
- Conferencing
- Adjustable Volume
- Microphone Sensitivity
- Security Functions
- Caller ID & Call waiting
- Caller Priority



Specifications

Physical Form Factor	8.5" x 8" x 2" (21.6 x 20.2 x 5.0 mm)
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing
Power Requirements	
Auxillary	36 Vdc wall adapter (30 to 58 Vdc) or
PoE	IEEE 802.3af class 2 compliant
Connections	
Handset port	RJ9 connector
Headset port	RJ9 connector
LAN Ethernet port	RJ45 connector
PC uplink Ethernet port	RJ45 connector
Power connector	DC jack
Cabling	Cat5/Cat5e/Cat6 320 ft (100 m) maximum length
Standards	LAN 10/100Mbps Safety - UL950/CSA22.3 No 950 EMI - FCC Part 15

Mechanical



Ordering Information

Part Number IMS-641-A
A PoE
0 none
1 PoE

Accessories

PSU-136-0.15 36V/150mA Replacement Power Supply

