



# MicroComm DXL

IMS-640

VoIP Intercom Master Station

## Description

The IMS-640 is a telephone style intercom master station that uses Voice over Internet Protocol (VoIP). The IMS-640 connects to an exchange via the Inter Exchange Network (an Ethernet network).

The IMS-640 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.

## Features

- high quality desk telephone
- handset or handsfree 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

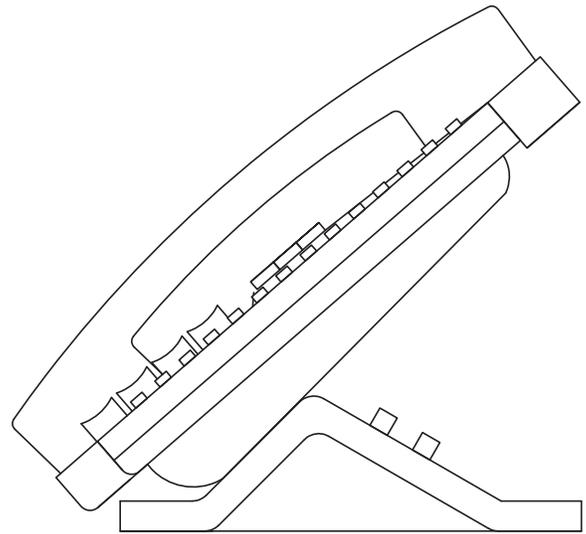
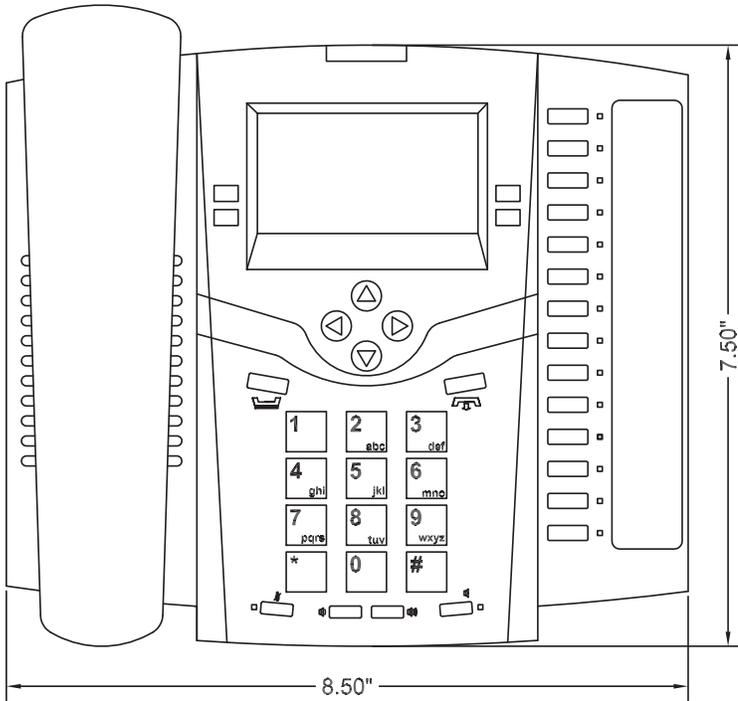
- Paging
- Station Directory
- Call Transfer
- Auto Dialer
- Hold
- Press to Talk (PTT)
- Monitor
- Conferencing
- Adjustable Volume
- Microphone Sensitivity
- Security Functions
- Caller ID & Call waiting
- Caller Priority



## 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-640-A  
A PoE  
0 none  
1 PoE

## Accessories

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

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