Description
The PBX-IP phone system is designed to accommodate Talkaphone’s VOIP-500 Series Phones. Versatile and robust, this full-featured PBX provides a complete head-end solution. PBX-IP includes the PBX-MBU interface card, which provides the hardware support for network connectivity and interoperability with the VOIP-500 Series Phones (additional SIP licensing required—not included with the PBX-IP).

Features
• Use Voice over IP to communicate over LAN/WAN
• Modular for easy expansion up to 1024 ports (any combination of analog, digital, and/or SIP ports)—includes 96-port license
• Approximately 6.0 hours battery backup included
• Includes PBX-MBU Interface Card (maximum 24 channels)—add support for SIP-based devices through additional licenses
• Includes licenses for up to 8 IP desk phones—desk phones are not included
• PBX-IP delivered fully programmed

Specifications (per Cabinet)
Dimensions: 13.3(338)H x 16.9(430)W x 12.2(310)D in(mm)
Weight: 20 lbs. (9.1kg) empty; 34.5 lbs. (15.6kg) full capacity
Rack Units: 8.5
Mounting: 19-inch rack mounted
Operating Temperature: 32°F (0°C) to 104°F (40°C)
Relative Humidity: 10% to 90% (non-condensing)
Power: 115 watts nominal, 186 watts maximum
AC Input: 120V (108-132V), 57-63Hz, 3.4 Amps maximum input current
Heat Dissipation: Maximum 316 BTU/hr
Ethernet Cabling: Cat5e UTP or better (maximum end-to-end distance of 328 ft.)

Options & Accessories
8-Port Motherboard: Model PBX-8MB adds 8 analog extension ports to a PBX-IP system. Requires PBX-66BLOCK.
8-Port Daughterboard: Model PBX-8DB adds an additional 8 analog extension ports on to a PBX-8MB motherboard. Requires PBX-8MB.
4-Port Analog Trunk Interface Card: Model PBX-408-2 adds support for up to 4-ports for analog loopstart CO trunk lines. Requires PBX-66BLOCK.
IP Desk Phone: Up to 8 desk phones, model PBX-IPPHONE, may be used per system without adding additional PBX-SL licenses. A maximum of 32 attendant desk phones are supported. Desk phones are not included with the PBX-IP.
Desk Phone License: Station licenses are required by the PBX-IPPHONE. Models PBX-SL1, PBX-SL10, and PBX-SL25 are available.
SIP Channel License: SIP channel licenses are required for any SIP-based device (e.g., Model VOIP-1-2-4-8 and Model VOIP-500). Models PBX-CL1, PBX-CL10, and PBX-CL25 are available.
Media Bridge Unit: Model PBX-EMBU is a daughterboard that adds 24-channels to the PBX-MBU motherboard. Requires PBX-MBU.
Sample System Layout