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## LAN-Phone 40

# Heavy Duty VoIP Phone

with Power over Ethernet



**LAN-PHONE 40** series VoIP phone is an internet based voice network phone terminal supporting power supply via Ethernet, IEEE 802.3AF (with external power as an option).

**LAN-PHONE 40** series VoIP phones adopt multiple voice control protocols and voice compression coding methods to directly convert analog voice into IP packet for LAN or internet transport, thus effectively using the existing bandwidth to provide PSTN quality voice service.

**LAN-PHONE 40** VoIP phone supports SIP with options of H323, MGCP, IAX2 and other protocols. It offers two 10/100Mbps Ethernet interfaces and can accommodate both internet access and telephone connection on a single line, thus effectively using the existing broadband resources. It is compatible with various softswitch systems and VoIP voice gateways to provide broadband IP voice service.

**LAN-PHONE 40** VoIP phone adopts the latest Ethernet power supply technology to not only save user investments, simplify network deployment, but also provide centralized power management.

***industry, rail, metro, tunnels, roads, ships & military etc***

## Key features:

<p><b>voice features</b></p> <ul style="list-style-type: none"> <li>unattended/ attended call transfer</li> <li>call waiting and per call-waiting blocking</li> <li>call forward (Always, busy, no answer, power off) (option)</li> <li>VoIP speed dial (option)</li> <li>VoIP digital map</li> <li>user defined ring tone</li> <li>E.164 dial plan and customize dial rules</li> <li>caller number/name display</li> <li>MWI(Message wait Indication, option)</li> <li>voice promote</li> <li>configurable jitter buffer size</li> <li>configurable audio frame</li> </ul> <p><b>data features</b></p> <ul style="list-style-type: none"> <li>Static/Dynamic WAN-IP-Addressing</li> <li>PPPoE</li> </ul> <p><b>telephone management</b></p> <ul style="list-style-type: none"> <li>http, telnet, keypad and dedicate manage tool</li> <li>adjustable user password and super password</li> </ul>	<ul style="list-style-type: none"> <li>URL based FTP,HTTP and TFTP auto provision</li> <li>configure file download and upload by palmtree</li> <li>support four settings storage, switch by keypad</li> <li>safe mode provide reliability</li> <li>four servers store and load by keypad</li> <li>80 entries each for missed calls, answered calls and dialed calls</li> <li>100 entries for speed dial number</li> <li>Multiply Language support</li> <li>open source, user individuation firmware</li> </ul> <p><b>interfaces</b></p> <ul style="list-style-type: none"> <li>Internally 2 x RJ45 connectors + power connector for external supply (if required).</li> <li>Power over Ethernet, IEEE 802.3AF</li> <li>PoE (augmented) for peripheral powering also available as an option, IEEE 802.3AF</li> <li>Up to 3 x 3m cables (2 x Cat 5 + 1 x power to POE Beacon on this option)</li> <li>230VAC external local PSU option connected thru glands.</li> </ul>
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## Brief Specifications:

Enclosure Material	Heavy duty plastic, approx. 4mm thick
Dimensions overall	320mm high, 220mm wide, 80mm deep (including Handset)
Weight	Approx. 1Kg. max. depending on options
Temperature Range	-25 Deg.C to +60 Deg.C. min.
Degree of Protection	IP55
Relative Humidity	to 95% non-condensing
Cables Connection	up to 3 x cables can be supplied - via rear entry. Bottom entry also available on deep base option
Handset Body	Heavy duty plastic
" Cord	Armoured Cable/Metal Spiral
Keys (Keypad)	12 keys (LP40 -12)

