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## LAN-Phone 42 PD

# Heavy Duty VoIP Phone

with Power over Ethernet



**LAN-PHONE 42PD** 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 42PD** 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 42PD** VoIP phone can support H323, SIP, MGCP, IAX2 and other protocols, 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 42PD** 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> <p>unattended/ attended call transfer  call waiting and per call-waiting blocking  call forward (Always, busy, no answer, power off) (option)  VoIP speed dial (option)  VoIP digital map  user defined ring tone  E.164 dial plan and customize dial rules  caller number/name display  MWI(Message wait Indication, option)  voice promote  configurable jitter buffer size  configurable audio frame</p> <p><b>data features</b></p> <p>Static/Dynamic WAN-IP-Addressing  PPPoE  modem dial up (AT-42M only)</p> <p><b>telephone management</b></p> <p>http, telnet, keypad and dedicate manage tool</p>	<p>adjustable user password and super password  URL based FTP,HTTP and TFTP auto provision</p> <p>configure file download and upload by palmtool  support four settings storage, switch by keypad  safe mode provide reliability  four servers store and load by keypad  80 entries each for missed calls, answered calls and dialed calls  100 entries for speed dial number  Multiply Language support  open source, user individuation firmware</p> <p><b>interfaces</b></p> <p>2 x RJ45 connectors (internal)+ power connector for external supply (if required).  3 x M20 Gland inputs + optional M12 / Pg7  Power over Ethernet, IEEE 802.3AF  PoE (augmented) for peripheral powering also available as an option, IEEE 802.3AF  230VAC external local PSU option connected thru glands.</p>
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### Brief Specifications:

Enclosure Material	Heavy duty plastic, approx. 4mm thick
Dimensions overall	265mm high, 220mm wide, 125mm deep (including Handset)
Weight	Approx. 1Kg. max. depending on options
Temperature Range	-25 Deg.C to +60 Deg.C. min.
Degree of Protection	IP65
Relative Humidity	to 95% non-condensing
Cable Entries	3 x M20 via rear entry – see photograph
Handset Body	Heavy duty plastic
" Cord	Armoured Cable/Metal Spiral - Curly Cord (option)
Keys (Keypad)	12 keys (LP42 -12)

