

Model: **AJR101-1B**

Optional Versions: Analogue, VoIP SIP, GSM/4G



- Push-to-call telephone with 1 metal call button
- Non-corrosive cast aluminium body with steel face plate
- Robust and vandal resistant throughout
- Weather protection rated IP66 - IP67 (on demand)
- Powered PoE, analogue line or 12v DC mains (version dependant)
- Inductive coupler fitted as standard for hard of hearing
- Simple installation with tamper proof bars & fixings
- Non-volatile memory programmable for speed dialling
- Programming: SMS (GSM/4G), DTMF (analogue) web interface (SIP)
- Remote status reporting – GSM / 4G version
- Internal relays available on-demand
- Choice of customised labelling
- RoSH, CE & FCC Compliant.



A professional IP66 - IP67 weatherproof push-to-call telephone with multiple autodial calling buttons, provides a full duplex operation for heavy industrial or public use. Designed to meet the needs of clients who experience loss or damage through heavy use or vandalism.

Fully contained within a cast aluminium weatherproof case with a door providing complete protection against dust and moisture ingress, this is a highly reliable product with a long MTBF (50,000 hours). The unique robust handset is manufactured from bulk moulding compound and designed specifically to withstand arduous use in all environments. Stainless steel armoured cord to provides additional resistance (up to 200kg tensile force) to vandalism and heavy industrial use. Very easy to install. The cable entrance through a metal M20*2mm gland located at the bottom of the phone, this to prevent from artificial damage.

Versions:

Analogue powered by standard analogue line, connects Telephone pair. Configuration by DTMF

VoIP SIP powered by PoE – RJ45 connection, configured by web interface. 12Vdc PSU on demand.

GSM 4G Network supports Standard size SIM Card, powered by 12V DC mains adaptor configured remotely by SMS messaging

Casing Material

Die-cast aluminium body & CRS front plate with industrial epoxy powder coated finish

Colour

yellow, red, other RAL colours on demand

Handset Material

Impact resistant ABS / stainless-steel spiral cord

Push Buttons

Vandal resistant stainless steel

Ringing Tone

Shrill warble tone 80 dBA @1 metre typical

Hook Switch

Electric / magnetic no visible moving parts

IP Resistance

IP66 or IP67 (on demand)

Temperature

Operating: -30°C to +65°C

Storing: -40°C to +75°C

M.T.B.F

In excess of 50,000 hours in use



Model: AJR101-1B**STANDARD ANALOGUE SPECIFICATION**

Analogue telephone with push-to-call autodialling (outbound) and lift to receive (inbound) call. Connected to any standard two-wire telephone line, including analogue PABX lines and PSTN. Specialist point-to-point version available on demand.

Dialling MF (tone)

Ringing Tone Shrill warble tone 80 dBA @ 1 metre typical

Lightning / Transients Protection to ITU-T k.21 enhanced levels

Programming Can be programmed remotely by DTMF tone or by using an internally located keypad

GSM / 4G TECHNICAL SPECIFICATIONS

SIM Micro Size SIM card

Working Frequency Range:

4G LTE FDD: B1/B3/B5/B7/B8/B20

LTE TDD: B38/B40/B41

WCDMA: B1/B5/B8

B3/B8

GSM:

Adapter Input 7.4 V-12V DC

Power Consumption Idle current: 75mA

Off hook current 160mA

Ringing Tone Shrill warble tone 90 dBA @ 1 metre typical

VoIP SIP Version**Power Supply**

PoE or 12V - 24V DC

Adapter Input

100-240VAC 50~60Hz

Output:5V/1A

Port

WAN: 10/100Base- T RJ-45 for LAN, Auto MDIX

LAN: 10/100Base- T RJ-45 for PC, Auto MDIX

Power Consumption

Idle:1.5W/ Active:1.8W

Communication Type

Full Duplex

Voice Features

- Support SIP 2.0 (RFC3261)
- Codec: G.711A/u, G.7231 high/low, G.729, G.722 G.726
- Echo cancellation: Support G.168 and hand-free can support 96ms
- Supports full duplex
- SIP support 2 servers, user can through each server to calling in and out
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, peer to peer
- SIP support 2 servers, user can through each server to calling in and out

Network Features

- WAN/LAN: support Bridge mode
- Support PPPoE for xDSL
- Support VLAN
- Support Stun penetration
- Support DHCP get IP on WAN port

Ambient Conditions**Protection Type**

IP66 / IP67, Conforms to EN60529

Operating Temperature

-30°C to +65°C

Storage Temperature

-40°C to +75°C

Unit size

204*334 *126mm

Packaging Size

300*440*200mm

Packaging

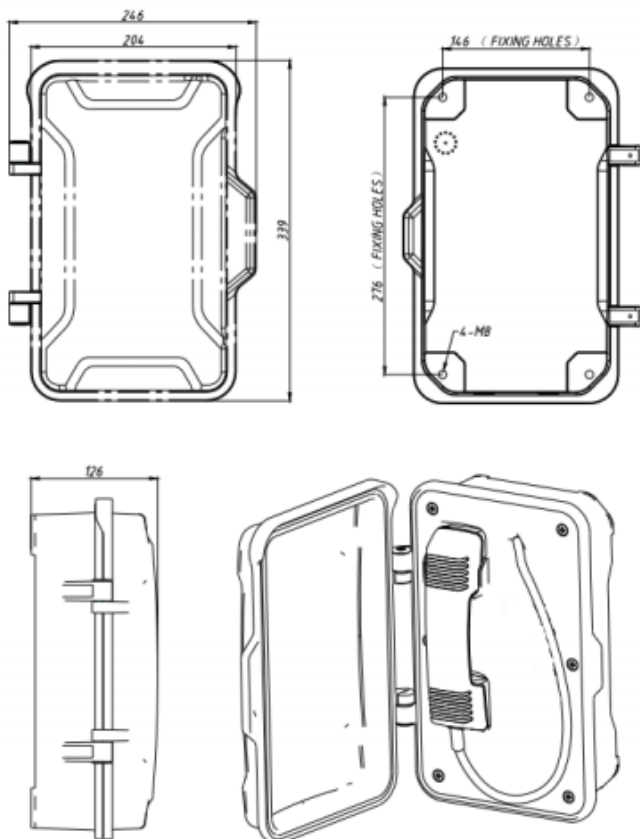
Pearl Cotton, Carton

Gross weight

7 KG

M.T.B.F.

Calculated M.T.B.F. in excess of 50,000 hours



CE - This mark indicates compliance with the: Radio and Telecommunications Terminal Equipment Directive 2004/108/EC
FC - This mark indicates compliance with the: FCC Part 15 Subpart B Class B

24 Month Warranty

24-month manufacturer defect warranty.

