UK Sales and Support: Acorn Monitoring Ltd

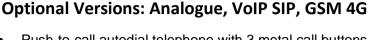
TEL: +44 (0)1635 285376

EMAIL: sales@acornmonitoring.co.uk

Web: www.jrtel.co.uk



Model: A-JR102-3B



- Push-to-call autodial telephone with 3 metal call buttons
- Non-corrosive cast aluminium body with steel face plate
- Robust and vandal resistant throughout
- Water / dust ingress protection rated IP66-IP67
- Powered PoE (SIP), Analogue Line or 12v DC Mains (4G)
- Inductive coupler fitted for hard of hearing (on demand)
- Simple installation with tamper proof fixings
- Non-volatile memory programmable for speed dialling
- Programming: SMS (GSM / 4G), DTMF (analogue) Telephone Management Software (SIP)
- Remote status reporting GSM / 4G version
- Dry Contact Relays Available On-Demand
- Choice of Customised Labelling, On Request
- RoSH, CE & FCC compliant.









A professional IP66- IP67 weatherproof handsfree telephone with three 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 and vandalism.

Fully contained within a corrosion resistant cast aluminium weatherproof case with a magnetised door, the phone is fully protected, even when the door is open. Complete protection against dust and moisture ingress, this is a highly reliable telephone with a long MTBF. The unique robust telephone is designed specifically for industrial, public and emergencies purposes, to withstand arduous use in all environments. Very easy to install. The cable entrance through an M20*2 metal gland is 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 (or 12V supply). Configuration by web interface

GSM / 4G Network supports Micro 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 Yellow, red, other RAL colours on demand Colour **Keypad** 2 stainless steel call buttons **Ringing Tone** 80~90dBA @1m - See version details Vandal resistant stainless steel **Push Button**

IP Resistance IP66-IP67

Operating: -30°C to +65°C **Temperature** Storing: -40°C to +75°C

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



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STANDARD ANALOGUE SPECIFICATION

Analogue line powered telephone, this unit provides a push-tocall autodialling (push-to-to-receive call) functionality. Connected to any standard two-wire telephone line, including analogue PABX lines and PSTN. Hotline function also available.

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

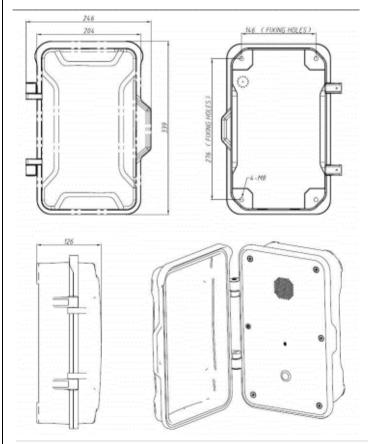
GSM: B3/B8

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 DC PSU

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
Storage Temperature
Unit size
Packaging Size
Packaging
Packaging
Packaging
Storage Temperature
-30°C to +65°C
-40°C to +75°C
204*334 *126mm
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.

