**UK Sales and Support: Acorn Monitoring Ltd** 

**Tel:** +44 (0)1635 285376

EMAIL: sales@acornmonitoring.co.uk

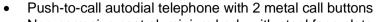
Web: www.jrtel.co.uk



Model: A-JR102-2B

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





- 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 four 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 2 stainless steel call buttons

Keypad Ringing Tone Push Button IP Resistance

Colour

80~90dBA @1m - See version details Vandal resistant stainless steel

nce IP66-IP67

**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



**UK Sales and Support: Acorn Monitoring Ltd** 

TEL: +44 (0)1635 285376

EMAIL: sales@acornmonitoring.co.uk

Web: www.jrtel.co.uk



# Model: A-JR102-2B

#### 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

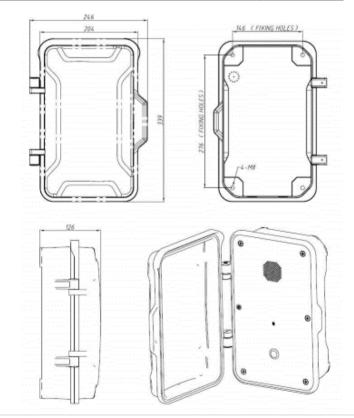
GSM: B3/B8

7.4 V-12V DC **Adapter Input Power Consumption** Idle current: 75mA

Off hook current 160mA

Shrill warble tone 90 dBA @ 1 metre **Ringing Tone** 

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

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** 

IP66-IP67, Conforms to EN60529 **Protection Type** 

**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.

