

## Model: **A-JR103-FK**

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



- Large rubber call buttons suitable for use with gloves
- Full keypad inclusive of R, M, LR.
- 9 button speed dialling (analogue version on request)
- Non-corrosive cast aluminium body with steel face plate
- Robust and vandal resistant throughout
- Weather protection rated IP66
- Powered PoE (SIP), Analogue Line or 12v DC Mains (4G)
- Inductive coupler fitted as standard for hard of hearing
- Simple installation with tamper proof bars & fixings
- Non-volatile memory
- Programming: SMS (GSM / 4G), DTMF (analogue) Telephone Management Software (SIP)
- Status Reporting – GSM / 4G Version
- Dry Contact Relays Available On-Demand
- Extras: door lock, battery backup, direct AC power transformer
- Choice of customised labelling
- RoSH, CE & FCC Compliant.



A professional IP66 industrial weatherproof telephone that 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 corrosion resistant cast aluminium weatherproof case, 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 moulded bulk compound and designed specifically to withstand arduous use in all environments, armoured cord to provide additional resistance to vandalism or heavy industrial use. Very easy to install. The cable entrance through a 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 – DTMF Config.

**VoIP SIP** powered by PoE – RJ45 connection to IP PBX and configured by web interface,

**GSM 4G Network** supports micro size SIM card, powered by 12V DC mains adaptor configured remotely by SMS messaging

<b>Casing Material</b>	Die-cast aluminium body & CRS front plate with industrial epoxy powder coated finish
<b>Colour</b>	Yellow, red, other RAL colours on demand
<b>Handset Material</b>	Impact resistant ABS / stainless-steel spiral cord
<b>Keypad</b>	Large rubber keypad
<b>Hook Switch</b>	Electric / magnetic no visible moving parts
<b>IP Resistance</b>	IP66 (IP67on demand)
<b>Temperature</b>	Operating: -40°C to +70°C Storing: -45°C to +85°C





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**STANDARD ANALOGUE SPECIFICATION**

The analogue telephone can be connected to any standard two-wire telephone line, including PABX and PSTN.

**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 the keypad

**GSM / 3G / 4G TECHNICAL SPECIFICATIONS**

**SIM** Micro Size SIM card

**Working Frequency Range**

**GSM** B3/B8

**3G** B1/B5/B8

GSM850/900/1800/1900MHz

**4G** LTE FDD: B1/B3/B5/B7/B8/B2  
LTE TDD: B38/B40/B41

**Power Supply** AC Adaptor 240-110V AC to 12VDC  
Solar power with internal battery optional

**Power Consumption** Idle current: 75mA

**Off hook current** 160mA

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

**Configuration** Remotely programmable via SMS

**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, Conforms to EN60529

**Operating Temperature** -40°C to +75°C

**Storage Temperature** -45°C to +85°C

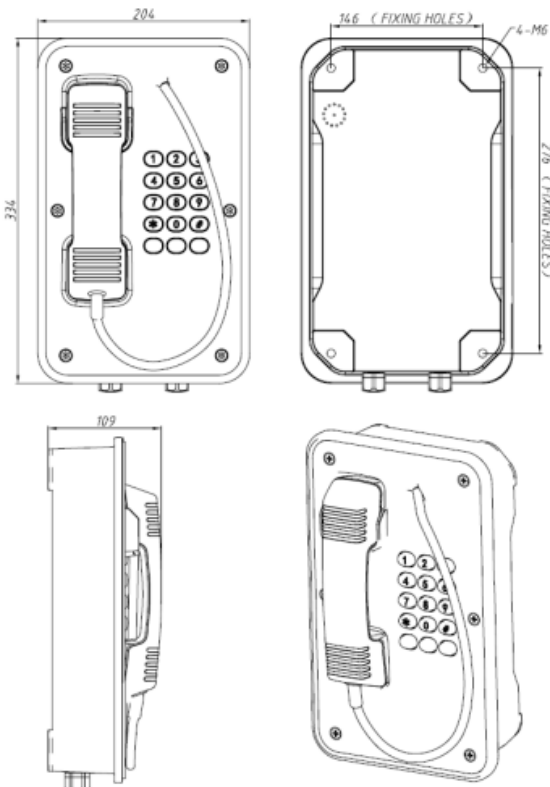
**Unit size** 204\*334 \*109mm

**Packaging Size** 300\*440\*200mm

**Packaging** Pearl Cotton, Carton

**Gross weight** 6 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.

