

Model: **A-JR105-FK**

Optional Versions: Analogue, VoIP SIP, GSM 4G



- Large rubber keypad suitable for use with gloves
- Full keypad inclusive of R, M, LR
- LCD screen display
- Non-corrosive cast aluminium body with steel front plate
- Robust and vandal resistant throughout
- IP66 water and dust ingress protection rated
- Powered PoE (SIP), Analogue Line or 12v DC Mains (4G)
- Inductive coupler fitted as standard for hard of hearing users
- Simple installation with tamper proof fixings
- Non-volatile memory
- 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-demand
- RoSH, CE & FCC compliant.



A professional IP66 industrial weatherproof telephone that provides a full duplex operation for heavy industrial or public emergency 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 an exceptionally reliable product with a long MTBF. The robust handset is manufactured from bulk molding compound, the phone is designed specifically to withstand arduous use in all environments. Optional armoured cord provides additional resistance to vandalism or heavy industrial use. Extremely easy to install, fixings and mounting bars supplied, the cable entrance through a metal M20*2mm gland is at the bottom of the phone, this is 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

Colour

Yellow, red, other RAL colours on demand

Handset Material

Impact resistant ABS / stainless-steel spiral cord

Keypad

Rubber

Ringing Tone

Shrill warble tone 80-90 dBA @1 metre typical (version dependant)

Hook Switch

Electric / magnetic no visible moving parts

IP Resistance

IP66

Temperature

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





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STANDARD ANALOGUE SPECIFICATION

As a standard analogue telephone, this unit provides basic telephone functions and can be connected to any standard two-wire telephone line, including analogue PABX lines 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 / 4G TECHNICAL SPECIFICATIONS

SIM	Micro Size SIM card
Configuration	SMS text messaging
Reporting	SMS text messaging
Working Frequency Range:	
4G	LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B5/B8 B3/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

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 -30°C to +65°C

Storage Temperature -40°C to +75°C

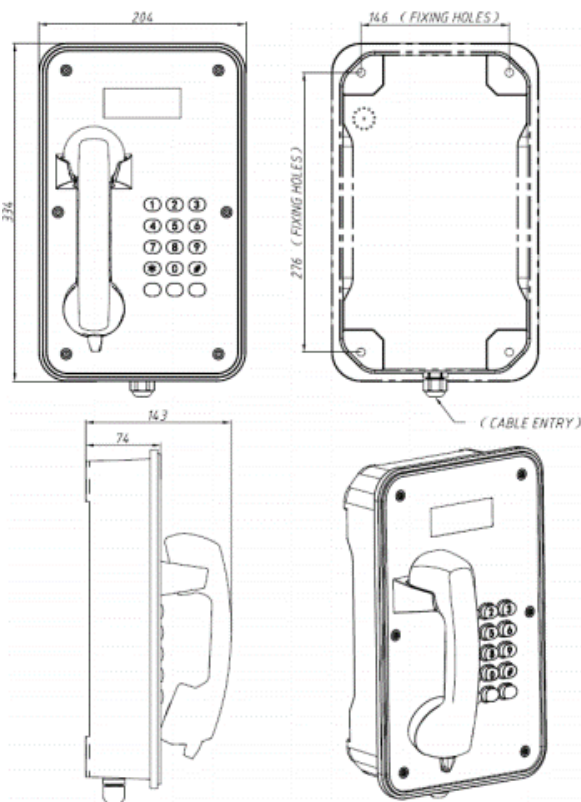
Unit size 204*334 *143mm

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.

