

Model: **A-JR301-3B (IW)**

Versions: Analogue, VoIP SIP, 3G GSM, 4G LTE (NEW)



- Fully contained within SUS404 stainless steel
- Robust and vandal resistant throughout
- In-wall flush mounted
- Weather protection rated IP65
- Full duplex conversation
- Simple installation with tamper fixings
- Non-volatile memory
- Programming: SMS (3G/4G), DTMF (analogue), web interface (VoIP SIP)
- Remote status reporting - 3G / 4G GSM version
- PIN activated relays available on-demand
- Sequential dialling (on demand)
- Choice of customised labelling or silk screen printing
- RoSH, CE & FCC compliant.

A professional IP65 heavy duty intercom that provides full duplex operation for heavy industrial, public, or emergency use. Designed to meet the needs of clients who experience loss or damage through heavy use and vandalism.



Fully contained within a robust stainless-steel case, the IP65 rating ensures a high level of protection against dust and moisture ingress. This is a highly reliable corrosion resistant telephone with a long MTBF, designed specifically to withstand arduous use. Very easy to install, the cable entrance through the back of the phone, this to prevent from artificial damage. With on demand options for contact relays or sequential dialling of more than one number, this intercom is suitable for many uses such as door entry, point-to-point (customised solution) or simply as an emergency or service call point.

Versions:

Analogue powered by standard analogue line, connects 2 wire – DTMF Config.

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

3G or 4G Network supports micro size SIM Card, powered by 12V DC mains adaptor configured remotely by SMS messaging

Casing Material	Brushed stainless steel
Colour	N/A
Handset Material	No handset
Keypad	No keypad, 3 metal call buttons
Ringing Tone	Shrill warble tone 80 dBA @1m typical (analog.),90dBA (SIP / 3G)
Hook Switch	No hook switch
IP Resistance	IP65
Temperature	Operating: -25°C to +65°C Storing: -40°C to +75°C



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STANDARD ANALOGUE SPECIFICATION

Push to call / push to answer call, speed dialling of numbers on 3 buttons when 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 / 3G TECHNICAL SPECIFICATIONS

SIM Standard Size SIM card

Working Frequency Range

GSM GSM850/900/1800/1900MHz

3G WCDMA850/1900/2100MHz

GSM850/900/1800/1900MHz

Adapter Input 7.4 V-12V DC

Power Supply AC Adaptor 240-110V AC to 12VDC or solar power with battery backup

Power Consumption Idle current: 75mA low power consumption, standby power requirements <7mA

Off hook current 160mA

Ringing Tone Shrill warble tone 90 dBA @ 1 metre typical

Programmable by SMS Volume control, speed dial numbers, signal and battery alerts

VoIP SIP Version

Power Supply 12-24V DC PoE RJ45

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

Main Chip: Broadcom

Communication Type Full Duplex

Voice Features

- Support 2 lines 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 SIP domain, SIP authentication (none, basic, MD5), DNS name of server
- DTMF: SIP info, DTMF Relay, RFC2833
- Call control features: Flexible dial map, support hotline

Network Features

- Support PPPoE for xDSL
- WAN/LAN: support Bridge mode
- Support static IP address
- Support DHCP get IP on WAN port
- Support VLAN
- Support web config

Ambient Conditions

Protection Type IP65, Conforms to EN60529

Operating Temperature -30°C to +65°C

Storage Temperature -40°C to +75°C

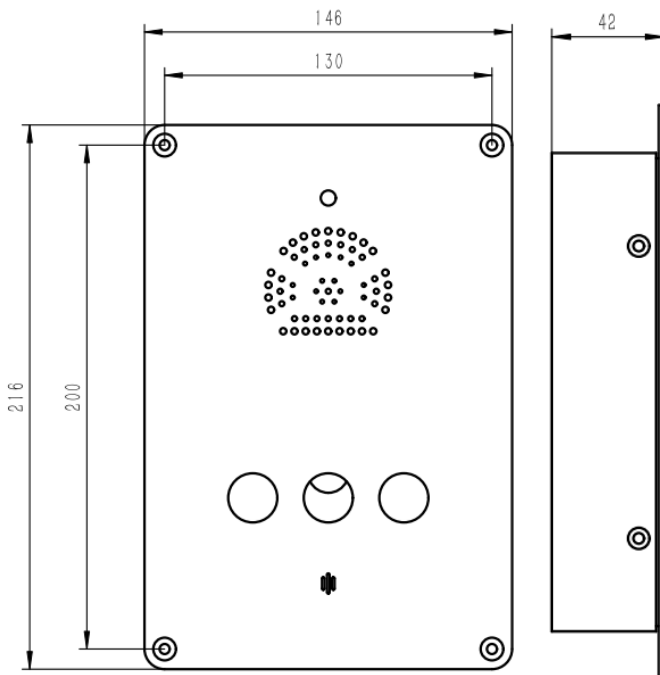
Unit size 216 *146 *42 (mm)

Packaging Size 340* 235* 100 (mm)

Packaging Pearl Cotton, Carton

Gross weight 3 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.

