UK SALES AND SUPPORT: ACORN MONITORING LTD
TEL: +44 (0)1635 285376
EMAIL: sales@acornmonitoring.co.uk
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TaxiTel

Acorn Monitoring

Model: Bravo 1-A

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

- Push-to-call freephone / hotline
- Rugged 4mm thick cold rolled steel frame
- Robust and vandal resistant throughout
- Weather & dust ingress protection, rated IP66
- Simple installation with tamper proof fixings
- Non-volatile memory
- Programming: SMS (3G/4G), DTMF (analogue) web interface (SIP)
- Remote status reporting - 3G / 4G GSM Version
- Coupler fitted on-demand, for hard of hearing.
- Sequential speed dialling available on request
- Choice of Customised Labelling or Silk Screen printing
- Optional LED light for night time display
- RoSH, CE & FCC Compliant.

CE FC IP66

A professional IP66 heavy duty Taxi call point that provides a full duplex operation. Designed to meet the needs of clients who experience loss or damage through heavy use and vandalism. The industrial construction ensures full protection when installed outdoors.

Fully contained within a thick 4mm rolled steel case and industrial epoxy painted yellow, the IP66 rating ensures full protection against dust and moisture ingress. This is a highly reliable the corrosion resistant product with a long MTBF (50,000 hours), designed specifically to withstand arduous use. Very easy to install, the cable entrance through the back of the phone, or optionally by M20*2mm underside metal cable gland, this to prevent from artificial damage.

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 browser.

3G or 4G Network supports Standard size SIM Card from any provider, no data required (only calls and texts)
Powered by 12Vdc mains adaptor & configured remotely by SMS messaging

Casing Material	Cold Rolled Steel epoxy powder coated finish.
Colour	Yellow, red, other RAL colours on demand
Handset Material	No handset
Keypad	No keypad – Metal call button
Ringing Tone	Shrill warble tone 80 dBA @1 metre typical
Hook Switch	No hook switch
IP Resistance	IP66
Temperature	Operating: -30°C to +70°C
	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

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

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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

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VoIP SIP Version

Power Supply	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
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, G.726
- 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, 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	-20°C to +60°C
Unit size	301 *180 *120 (mm)
Packaging Size	340* 235* 165 (mm)
Packaging	Pearl Cotton, Carton
Gross weight	3.5 KG
M.T.B.F.	Calculated M.T.B.F. in excess of 50,000 hours

CE FC
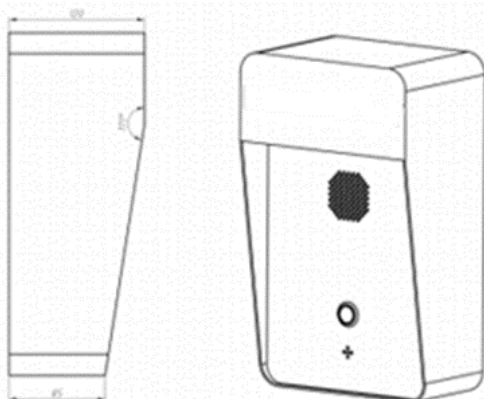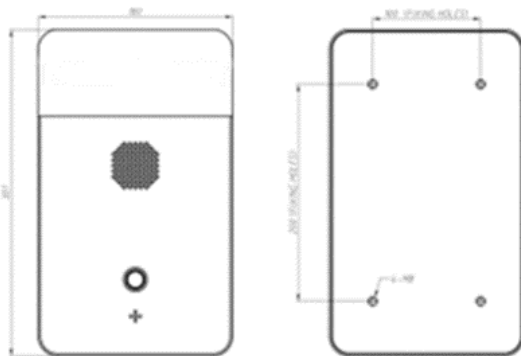
CE - This mark indicates compliance with the: Radio and Telecommunications Terminal Equipment Directive 2004/108/EC
FC - This mark indicates compliance with the: FCC Part 15 Subpart B Class B

24 Month Warranty
24-month manufacturer defect warranty.