GSM (GSM-R) Titan

Metal Bodied Weather Resistant Telephone

GAI-TRONICS®

- Fully Integrated GSM-based Titan
- Ideal for remote locations where power is not available
- Mains, Battery or Solar powered options
- Robust and weather resistant: Up to IP66
- Full keypad, 0, 1, 3 and 6 button programmable autodialler telephones
- Large tactile buttons, easy to see and operate
- Up to 10hrs Talk Time and 250hrs Standby
- Inductive Coupler fitted as standard for hard of hearing
- Remotely programmable via SMS
- Vandal Resistant
- Supplied with 12vDC Power Supply and 3 metre external antenna
- Acoustic Path Testing (microphone or handset faults are detected & reported)
- Self-monitoring and reporting

Designed for outdoor use, the new GSM Titan offers wireless communications to provide a completely stand-alone telephone installation. The GSM phone greatly reduces installation costs by eliminating the need for running telephone and power cables. The sealed lead acid battery and GSM electronics are housed internally to provide a completely rugged GSM/GSM-R solution.

The unit can be mains, battery, or solar powered, with the internal battery and phone working in temperatures of -20 to +60 degrees, ideal for hostile environments. The Quad-band GSM module covers wireless ranges across most of the globe.

Titan's robust die cast aluminium body is designed to look good and last longer in even the most arduous of outdoor environments.

Advanced features of the telephone include the capability to play pre-recorded call progress announcements*; and remote management to reduce site visits and maintenance costs. For complete and comprehensive system monitoring, GAI-Tronics can offer its Telephone Management Application (TMA), see brochure B027.

Titan is simple to install with fixings concealed from view giving increased security from vandalism. Push buttons are weather sealed. Its spring loaded door also gives extra weather protection to the telephone.

Typical installations include civil construction sites, bus or rail stations, retail, and temporary events (festivals, construction, exhibitions), anywhere that laying cable is prohibitive.

*An optional feature. Contact GAI-Tronics

GSM (GSM-R) Titan Telephone - Technical Specifications

General Specifications

Casing Material: Die cast aluminium, epoxy powder coated. Colour: yellow. Other colours to special order

Handset Material: Cycoloy with stainless steel spiral cord. Noise cancelling handset version available

Keypad: Weathersealed tactile digital keypad. Silicone rubber material, resistant to most chemicals and solvents 15 button full keypad. 0, 1, 3, 6 key autodial

Antenna: Rugged, externally mounted antenna included

Temperature: AC powered: -20° C to +60° C
Auto switch-off: -40° C to +70° C
Battery powered, lead-acid: -20° C to +60° C

Weather Resistance: Door open - up to IP65
Door closed - IP66

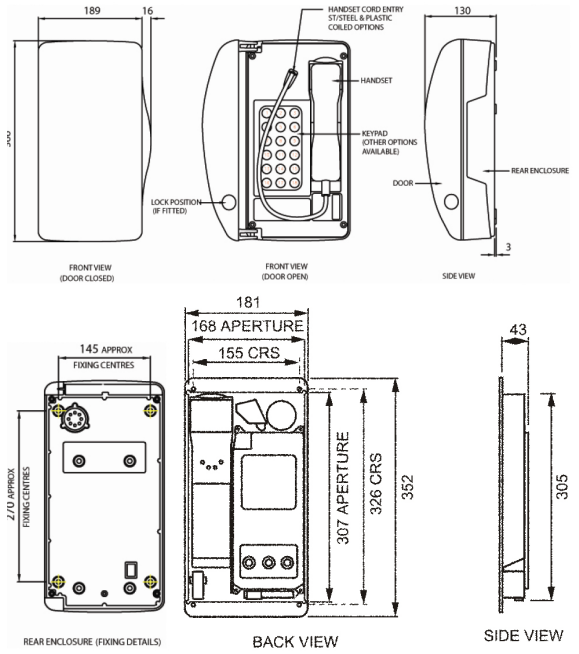
Ringing Tone: Shrill warble tone 75 dBA @ 1 metre typical

Hookswitch: Electronic / magnetic with no visible moving parts

M.T.B.F.: Calculated to have an M.T.B.F. in excess of 50,000 hours using MIL-HDBK-217F Notice 2

Weight: Up to 5 kg depending on option

Dimensions



Optional Accessories

Please ask for Brochure **B150** or visit www.gai-tronics.co.uk

GSM/GSM-R

Time Out: Enforces a fixed call maximum time limit from lifting the handset. User programmable

Power supply: AC Adaptor 110-230VAC to 12VDC
Internal battery (4V sealed lead acid)
Up to 250 hours standby or up to 10 hours continuous talk time
Can be connected directly to Solar panel (12V) without additional charge controller

GSM Bands : Quad-band GSM/GPRS/GSM-R

Remote programming: Auto-dial numbers, time-out can be programmed

Configuration: Remotely programmable via SMS

Remote monitoring: Remote health-check and fault reporting, including handset integrity via SMS

Approvals

This mark indicates compliance with the:
Radio & Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE);
2011/65/EC- RoHS 2 Directive

This mark indicates compliance for inductively coupling to Hearing Aids having a `T' switch position
Tested to ETS 300-381 and in accordance with ITU-T P37.

For specific country approval, please call

Order Information

For order codes and details, please contact GAI-Tronics:
T: 01283 500500, F: 01283 500400, E: sales@gai-tronics.co.uk

ITEM DESCRIPTION	PART NUMBERS
Titan GSM 0btn yellow UK	230-02-0000-212
Titan GSM 3btn yellow UK	230-02-0003-212
Titan GSM 15btn yellow UK	230-02-000F-212
Titan GSM 0btn yellow euro	230-02-0010-212
Titan GSM 3btn yellow euro	230-02-0013-212
Titan GSM 15btn yellow euro	230-02-001F-212
Titan GSM 0btn yellow solar	230-02-0020-222
Titan GSM 3btn yellow solar	230-02-0023-222
Titan GSM 15btn yellow solar	230-02-002F-222
Titan GSM-R 0btn grey s/cord	230-02-1000-221
Titan GSM-R 15btn grey s/cord	230-02-100F-221
Titan GSM-R 0btn yellow s/cord	230-02-1000-252

As well as the standard Titan range, GAI-Tronics can supply specials to order with customised options.

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The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice

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