

P400 Series GSM Tough Phone

THE SMART ALTERNATIVE TO LANDLINES IN EXTREME CONDITIONS



Designed to withstand harsh environments, Burnside's P400 Series Tough Phones provide convenient telephone services anywhere within the GSM cellular network, eliminating the delay and expense of connection to landline networks. Installation involves simply inserting a standard SIM card and the phone is ready for use.

Using Burnside's unique MoniText™ technology, the phone can be monitored and configured remotely, without the need for site visits. In addition, our Web-based MoniCare™ device management software can be used to maintain the phone from your desktop, laptop or smartphone.

Burnside Tough Phones are designed, tested, manufactured and supported in the UK. We're just a phone call away, and can provide professional advice on your installation and applications.

QUALITY AND RESILIENCE

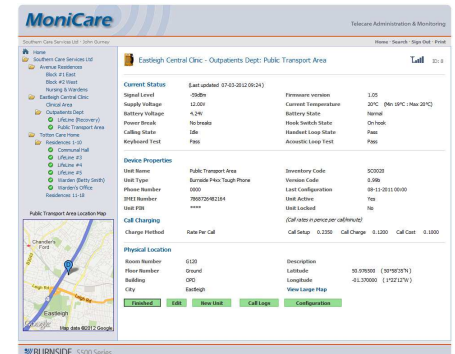
- ★ Weather, corrosion, vandal resistant
- ★ Extended temperature operation
- ★ AC mains, DC battery or solar powered
- ★ Internal antenna
- ★ Range of optional external antennas
- ★ Quick-dial button options: 0, 3, 6, 15
- ★ Wall, post or counter mountable
- ★ Automated self-test functions
- ★ Designed, tested and made in the UK
- ★ R&TTE, UL, IC, GCF approved

USER CONVENIENCE

- ★ Burnside Easy Call lockable auto-dialling
- ★ Variable earpiece & microphone volume
- ★ Echo cancellation for clearer audio
- ★ Call progress announcements
- ★ Inductive coupling for hearing aid users
- ★ Selectable ring cadences

CONNECTIVITY AND CONTROL

- ★ Quad band global GSM connectivity
- ★ MoniText™ remote maintenance
- ★ MoniCare™ Management Portal
- ★ Status and call history database
- ★ Automated self-test status alerts
- ★ Simultaneous calling & configuration
- ★ Over-The-Air (OTA) updates
- ★ USB connection for local computer



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P400 Series GSM Tough Phone

BUILT FOR EXTREMES

Typical P400 Series Locations

Train stations, bus stations, airports, docks
 Rail-side, roadside, canal- and river-side, beaches
 Campuses, community centres, parks, tourist areas
 Supermarkets, shopping malls, car parks
 Construction sites, disaster recovery stations
 Exhibitions, outdoor events, marquees
 Yachts, boats, passenger craft



Fully tested for use in the toughest conditions, the P400 is weather-proof, corrosion-resistant, vandal-resistant and complies with international (IP65) environmental standards. It can be located in exposed places or heavily used public areas with confidence, and secured to a wall or post to prevent theft of the unit or SIM card.



The P400's internal rechargeable battery is designed to operate and be charged in extreme temperatures, between +60°C and -20°C, and is good for more than a week in the event of an external power failure. The battery delivers up to 6 hours talk time without external power.



Unlike metal cabinet phones, the P400's polycarbonate case enables the use of an internal aerial supplied as standard. This aerial is larger and more sensitive than a regular mobile phone, and can deliver a signal where most other mobiles cannot. However, we offer a range of external antennas for special situations, such as moving vehicles, shipping, railways, construction sites.

BUILT FOR EASE OF USE



Your customers can simply pick up the handset and be connected to you. Call progress announcements give your callers confidence that something is happening and their call is being attended to. They can also be used to promote your company and services, or give instructions to callers. P400 Series phones with multiple buttons can be programmed to connect to different numbers or services, each button having its own announcements.

BUILT FOR CONNECTIVITY



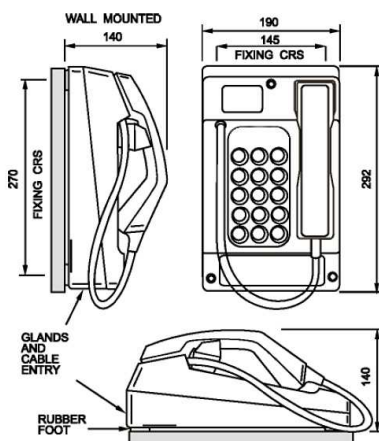
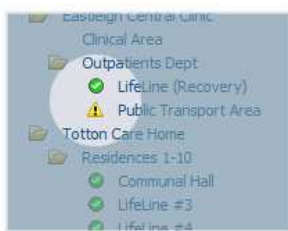
Burnside's unique MoniText™ technology allows you to maintain the phone remotely and retrieve status information at any time, from your computer or mobile phone. Ideal for making quick changes, for example, to programmed auto-dial numbers or audio settings. Unlike landline connected phones, the P400 can be tested remotely by MoniText™ without taking it out of service or being on-site.



The unit can test a number of basic functions itself, either on command or regularly to a schedule, and report the status to you by MoniText. These tests include environmental temperature, the state of the battery and power supply, and microphone and earpiece operation. If any of these are a problem, or if a button is stuck or the phone is left off-hook, you get to know immediately.



MoniCare™ is Burnside's dedicated Web-based software that you can access from your computer or smartphone. The configuration, status and call logs of the phone can be saved in the MoniCare™ database for reference and analysis. With MoniCare™, you receive alerts automatically if there is a problem, and you can quickly inspect and change the phone's configuration, including the phone numbers stored for automatic calling. MoniCare™ provides a range of reports on environmental profile and call history over time, and allows for third-party call charging based on call usage.



P400 Hardware Specifications

Casing material:

Glass filled polyester

Handset material:

Cyclopy (2850) with stainless steel spiral cord, or curled cord

Keypad:

Weathersealed tactile digital keypad, Silicone rubber material, resistant to most chemicals and solvents.
 15 full keypad (0, 1, 3, 6 key options)

Operating temperature:

(AC powered) -20°C to +60°C
 (Battery powered, lead-acid) -20°C to +60°C

Power auto switch-off:

<-40°C or >+70°C

Antenna:

Quad-band SMA male, internally mounted

Weather resistance:

Up to IP65 standard

Ring tone:

Shrill warble tone 80 dBA @ 1 metre typical

Hookswitch:

Electronic/magnetic with no visible moving parts

Mean Time Between Failures:

Calculated to have an MTBF in excess of 75,000 hours using MIL-HDBK-217-F