

product overview

burnside product family
 product series

Fixed Cellular Phones
P200, P300 and P400



product introduction

Our latest phones afford instant access to cellular voice communications from a fixed location using standard SIM cards. Why do this? To avoid the delay and expense associated with connection to landline networks. Simply insert an ordinary mobile phone SIM card, connect your phone and start using it.

With its superior voice quality, compact size and flexible power supplies, the Burnside phones are designed to operate in a wide range of environments. An internal battery provides uninterrupted service for up to 100 hours standby or 3 hours talk-time in the event of a mains power failure.

When installed, in demanding locations, the phones' flexible, configurable features make them suitable for a broad range of applications.

product use

Burnside phones are easy to install and use. The P200 and P300 are the same size as a normal residential or enterprise phone, whilst the P400 is the size of a payphone. All can be mounted on a desk, a wall or a dedicated stand.

Each phone has a larger antenna than a normal mobile. This means it can make and receive calls in places that handheld mobiles may find challenging. And because the antenna is away from the handset it also means any radiation risks are reduced.

Phones can be set-up individually, locally or remotely. Additionally, individual and entire groups of phones can be remotely read, configured or updated (where the phones are BIIIP* capable).

Please ask for the product datasheet to learn more about each phone series.

All Burnside phones are designed in the UK. That means that if you have needs that the current portfolio doesn't cover, dependent on your requirements, we can help. Just ask.

typical applications

Residential use as a landline replacement (P200 series)

Enterprise use, particularly for multi-user phone tariffs and private mobile networks (P300 series)

Stations, rail-side, airports, road-side, water-side, campuses, yachts (P400 series)

Taxi and car hire free phones

Telecare uses, offering simultaneous communications and monitoring

Remote locations without installed landlines

Construction sites or disaster recovery stations

Call centres with computer dialling (TAPI) capability

Exhibitions, events or anywhere requiring temporary communications

common product capabilities

Here are some of the common phone capabilities.

Capability
Quad-band GSM for global cellular connectivity
Normal temperature operation: 0°C to +40°C
Battery backup for up to 100 hours standby or 3 hours talk time



P237



P355

Accessories shown are options.

Each phone comes with a dedicated power supply.

The phones are designed to work on public and private mobile networks.

Appropriate SIM cards should be sourced separately.

capability comparison chart

Capability	P230	P237	P255	P355	P357	P410	P415
Full telephone keyboard	●	●	●	●	●		●
Quick dial memory buttons	●	●	●	●	●		
Call register for dialed, received, missed calls and last call duration	●	●	●	●	●		
Transflective and backlit LCD screen for configuration and control	●	●	●	●	●		
Texting, hands-free, caller ID, redial, hold, waiting, forwarding, mute	●	●	●	●	●		
Uses standard micro-USB power supply		●			●		
Extended temperature operation: -20°C to +60°C (ac mains powered)						●	●
Extended battery backup for up to 250 hours standby or 6 hours talk time						●	●
Internal antenna for compact operation						●	●
External antenna for improved reception	●	●	●	●	●	○	○
Vandal-resistant and weather-resistant housing (IP65)						●	●
Capable of being charged directly from a solar panel						●	●
Supports plug-in headset				●	●		
Supports bell-push accessories, via a latched connector		●					
Inductive coupling for hearing aid users (HAC)		●			●	●	●
GPRS (86Kbps) for data connectivity				●	●		
Easy Answer — auto hands-free answering from VIP numbers	●	●					
Easy Call — configurable, single-number locked calling			●		●	●	●
Simultaneous active call and configuration control		●			●	●	●
Supports call progress announcements — able to deliver voice prompts					○	○	○
Automatic alert notification by text		○			○	○	○
Remote monitoring and control— alarms, status, configuration (BIIP*)		○			○	○	○
Supports over-the-air firmware upgrades for remote maintenance		○			○	○	○



P415

● Standard
○ Optional

* BIIP— Burnside Information Interchange Protocol

For further details on the individual product series please see the related product datasheets. Please contact Burnside for details on optional mounting brackets, antennas and power supplies.

E&OE. Specifications and options are subject to change without notice.

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