

## product overview

burnside product family  
product series

### Fixed Cellular Terminals T300 and T900



product introduction

Our latest terminals afford instant access to cellular voice and data communications using ordinary landline phones. 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 the terminal.

With its superior voice quality, compact size and flexible power supplies, the Burnside terminals are designed to operate in a wide range of installation environments. An internal battery provides uninterrupted service for up to 72 hours standby or 2 hours talk-time in the event of a mains power failure.

When installed in the most demanding locations, the terminals' advanced configurable features make it suitable for a broad range of applications. The units include a USB data interface to support Internet access, e-mail and PC fax.

product use

Burnside terminals are easy to install and use. About the size of a paperback, they can be put on a table, on the floor or mounted on a wall.

Once the SIM is installed and activated, the unit powered up and the landline connected, simply make calls using your phone, PBX or PC.

Each terminal has an external antenna. This means it can make and receive calls in places that handheld mobiles may find challenging. It also means any radiation risks are reduced.

Terminals can be set-up individually, locally or remotely. Additionally, individual and entire groups of terminals can be remotely read, configured or updated (where the terminals are BLIP\* capable).

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

All Burnside terminals are designed and manufactured 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

Anyone needing to route landline calls to a mobile network

Telecare and domestic alarms offering simultaneous calls and monitoring

Remote locations, without installed landlines, where terminals can be sited for optimal reception

Marine; use a landline phone from a boat or yacht

Emergency phones in lifts

Exhibitions and events

Disaster recovery or anywhere requiring temporary communications

## common product capabilities

Here are some of the common terminal capabilities.

Capability
Quad-band GSM for global cellular connectivity
GPRS (86Kbps) for data connectivity
SMS communication for texting and control
Configuration by DTMF (dial-tones) or by SMS
External antenna for improved reception
Caller Line Identification transmission to phone
Remote volume control for microphone and audio
Normal temperature operation: 0°C to +40°C
Simultaneous active call and configuration control



**T355 / T357**



**T940 / T941**

Each terminal comes with a power supply and an external antenna for improved reception. Optional antennas are also available for specialised situations.

The terminals are designed to work on public and private mobile networks. Appropriate SIM cards should be sourced separately.

## capability comparison chart

Capability	T355	T356	T357	T940	T941	T942
Three-colour LED status display for simple status indication	●	●	●			
Integrated slotted housing for wall mounting	●	●	●			
Two-line LCD screen for ease of use and setup				●	●	●
GSM-R band support for connectivity to dedicated railway network		●				●
Battery backup for up to 72 hours standby or 2 hours talk time	●	●	●	○	○	○
Capable of being charged directly by a solar panel			●			
External input to send a text on remote alarm				●	●	●
Call-minute timer				●	●	●
Low-cost routing (automatic cellular <> landline switching)					●	
Call Progress Announcement — able to deliver voice prompts			○			
Remote monitoring and control — alarms, status, configuration (BIIP*)			○			
Supports over-the-air firmware upgrades for remote maintenance			○			
Follow Me - call forwarding to a phone of your choice					○	
Dial-through, landline to mobile connection					○	
Automatic fallback to cellular on landline failure					○	

● Standard  
○ Optional

\* **BIIP**— Burnside Information Interchange Protocol

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

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

[www.burnsidetelecom.com](http://www.burnsidetelecom.com)

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