Australia wide area coverage

Powered by Telstra

3G

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Users

🚚 **Transportation** Courier • Taxi • Limo Service • Tow truck • Railway • Airport • Seaport • Light rail • MRT • Logistics

👷 **Construction** Site • Cement delivery • Electrical • Excavating • Plumbing • Roofing

💂 **Security & Services** Hotel • Condo • Offices • Factory • Sports events • Education • Fire Service

🔔 **Hospitality** Restaurant • Hotel • Resort • Shopping mall • Supermarket

🏭 **Manufacturing** Factory • Warehousing • Light industry

🌄 **Agriculture** Rural Community • Farmers

Specifications

Model Number:	TA-388
Dimensions:	120mm x 60mm x 40mm
Weight:	268g
Working temp:	-30°C to +75°C

Working voltage:	3.3v ~ 4.2v (standard 3.8v)
Working current:	220mA @ GSM 850
Peak current:	0.8A

WCDMA:	Band 5 : 850Mhz
Maximum Output:	GSM/GPRS 850Mhz Power Class 4 (+33dBm +2.5dBm /-0.5dBM)
Receiving Sensitivity:	GSM850 ≤ -106dBm
GPS:	GPS Positioning, 1.57542Ghz
Sensitivity:	Catch -144dBm, Track -159dBm
Data Speed:	GSM CS:UL 9.6kpbs / DL 9.6kpbs GPRS: Multi-slot Class 10 EDGE: Multi-slot Class 12 WCDMA CS: UL 64kpds / DL 64kpds WCDMA PS: UL 384kpds / DL 384kpds
Protocol:	HSDPA / WCDMA / EDGE / GPRS / GSM

More information

ToooAir

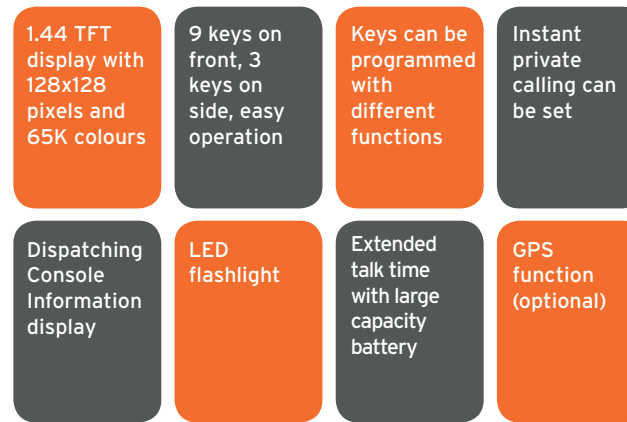|	
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ToooAir
PTT Radio
PUSH-TO-TALK

ToooAir

Background

PTToC Push-to-Talk over Cellular (PoC) is a technology offering VoIP two-way radio communication over a Wide Area utilising the cellular phone data networks.

1.44 TFT display with 128x128 pixels and 65K colours	9 keys on front, 3 keys on side, easy operation	Keys can be programmed with different functions	Instant private calling can be set
Dispatching Console Information display	LED flashlight	Extended talk time with large capacity battery	GPS function (optional)

Features

AUSTRALIA-WIDE COVERAGE

Private calls
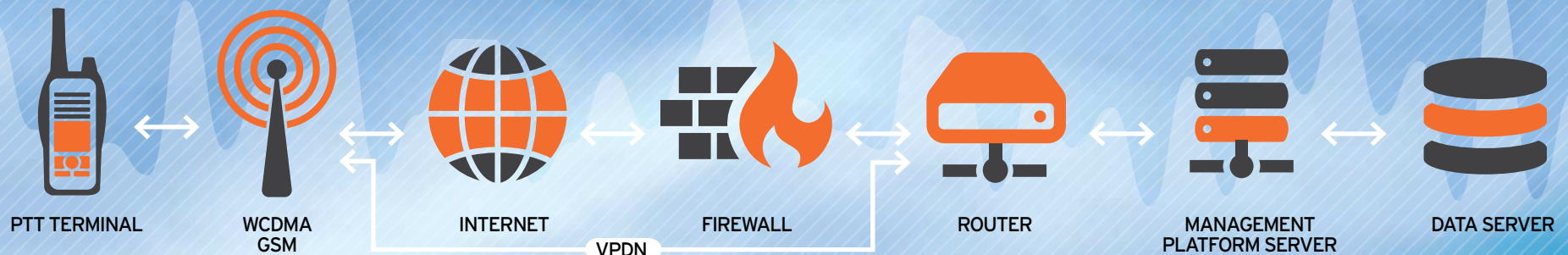Private calls can be made by choosing the required radio ID.

Voice recording
All communication is recorded on the platform and available for instant reply.

Global Positioning System
The TA-388 offers GPS tracking via the dispatch station software, showing speed, distance travelled and time.

Network Topology

PTT TERMINAL ↔ WCDMA GSM ↔ INTERNET ↔ FIREWALL ↔ ROUTER ↔ MANAGEMENT PLATFORM SERVER ↔ DATA SERVER

VPDN

The advantages of the ToooAir TA-388 radio system is that two-way radio communication can simply be deployed in a local area for example a single site or Australia wide requiring communication from Melbourne to Cairns and everything in between with no change in cost or infrastructure.

ToooAir is simply an Australia wide, One-to-One or One-to-Many two-way radio system utilising the cellular mobile phone network similar to a Wide Area multi-site Trunking system.

Due to the use of cellular multi-site technology, in-building coverage is superior to most conventional LMR/PMR radio networks and offers in tunnel and basement communication.

Dispatcher software

The user interface of the ToooAir-PTT graphic dispatch software enables quick and easy access and visibility to all users in your fleet. Call set-up to single individual users, pre-defined groups and dynamic groups is easily configured using the GUI of the dispatcher software. GPS tracking, Text messaging, Radio Stun, Geo Fencing, Dynamic group allocation and Voice record are just some of the features offered with the ToooAir PTT dispatcher system.

Dispatcher
The platform offers dispatcher software that allows the customer to be in control of their own network.

Group calls
Group calls can be made by choosing the required radio IDs.

Send messages
The operator can send instant voice and text messages to a radio. All sent messages are recorded on the server.

Unlimited coverage
Utilising existing GSM networks, the TA-388 offers wide area coverage.

In building reception
Utilising GSM, the spectrum allows for enhanced reception.

Stun function
The operator can stun a radio should the radio be stolen or abused. The radio can be reactivated by the controller.