

# ToughShield

## The R500+

THE NEW AND ENHANCED VERSION  
OF TOUGHSHIELD'S RUGGEDISED  
NFC SMARTPHONE

QUAD CORE QUALCOMM SNAPDRAGON  
S4 PROCESSOR AT 1.2GHZ

4GB ON BOARD STORAGE  
(EXPANDABLE UP TO 32GB)

ANDROID 4.1 JELLY BEAN

DEDICATED LONE WORKER BUTTON

DEDICATED PUSH-TO-TALK BUTTON

3600 MAH BATTERY (AS AN OPTION)

## THE NEXT GENERATION OF RUGGEDISED MOBILE DEVICES SMART TECHNOLOGY IN TOUGH EXTREMES

> The Toughshield R500+ is the latest version of our premium rugged smartphone that offers a wide variety of features and solutions to a broad spectrum of industries and service providers. Its ultra rugged design along with its safety features (dedicated Push-To-Talk and Lone Worker button) makes it the ideal device for mobile employees, security personnel, field force, lone workers, contract cleaners, construction site staff and many more.

The R500+ can resist water, dust and other microparticles and its tough Gorilla Glass screen allows it to withstand drops onto concrete from up to 1.2 metres. At the same time the R500+ is light, user friendly and its bright screen makes it an easy to read device. Toughshield's R500+ is also equipped with all the latest smartphone features including a large multi-touch capacitive screen, rear and front facing cameras, IPS (Inter Plane Switching) support, Audio and Video Player, Bluetooth version 3.0, a 1.2GHz Quad Core processor, 4GB of built in memory and expandable micro SD card slot (up to 32GB) for extra storage.

Enabled with NFC (Near Field Communication) technology, the R500+ also features support for 1D/2D Scanning and Facial Recognition, Signature Capture, GPS, Accelerometer, G-Sensor, Proximity and Light Sensors, and E-Compass. The R500+ operates on Android 4.1 (Jelly Bean) and has dual SIM functionality.



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## > R500+ FULL SPECIFICATION

### Dimensions & Weight:

D: 132.5mm x 71mm x 17.5mm  
W: 191.2g

### Environment:

Ruggedised IP-67/MIL-810G rating  
Total protection from dust and micro particles  
Fully waterproof up to one metre for a half hour  
Withstands drops onto concrete of up to 1.2 metres

### Chipset:

Qualcomm MSM8225Q at 1.2GHz

### Operating System:

Android 4.1 Jelly Bean

### Memory:

Internal: 4GB ROM / 1GB RAM,  
External: microSD, up to 32GB

### Display:

Large 3.77" WVGA multi-touch capacitive screen (480 x 800 pixels)  
Gorilla Glass

### Network:

WCDMA: 850/1900/2100 MHz  
GSM: 850/900/1800/1900 MHz

### Connectivity:

GPS/WiFi + WiFi Router/Bluetooth v3.0 with A2DP

### Talk & Standby Times

Talk time: up to 400 minutes  
Standby: up to 105 hours  
(Times will vary based on user settings and network configuration)

### Battery:

1500mAh Li-Ion  
3600mAh Li-Ion (Optional)

### Camera:

5MP AF CMOS rear camera with LED flash  
0.3MP front camera

### Highlights:

NFC enabled: Peer-to-Peer, Mobile Payment, Read and Write  
Dual SIM  
Dedicated PTT button (Push-To-Talk)  
Dedicated Lone Worker/Panic Button (SOS)

### Additional Features:

Data Capture: 1D & 2D Barcode Scan via rear camera (S/W)  
Signature Capture Software (Optional)  
Biometrics Software – Facial/Iris recognition (Optional)  
Accelerometer, G-Sensor, Proximity and Light Sensor,  
E-Compass (Application)

### Accessories Included:

Travel adapters, screwdriver, six extra screws, headset, stylus

### Accessories Available:

Holster, Dual USB car charger with 1m USB cable, 3600mAh Battery



## > R500+ KEY FEATURES



Dedicated Lone Worker Button



Dedicated Push-To-Talk Button



NFC Enabled



Ruggedised IP-67/MIL 810G Rating



Gorilla Glass



Android 4.1 Jellybean



Dual Sim Slots



Long Battery Life



Fully Water and Dust Proof



Withstands 1.2m Drop on to Concrete

## > TOUGHSHIELD PARTNER SOLUTIONS

Our Partners have a wide range of fully web hosted systems that are available anywhere, anytime providing business critical services to customers from a wide and diverse range of industry sectors which Include Healthcare, Security Guarding, Contract Cleaning, Construction, Transport & Logistics, Retail, Oil & Gas and Public Sector.



Utilising the ruggedised NFC enabled Toughshield R500+ with its GPS functionality, here are just some of the solutions that our Technology Partners are able to provide:

- Time and Attendance
- Asset Tracking & Management
- Inventory Control
- Job Scheduling & Rostering
- GPS Monitoring of Remote Workers
- Lone Worker Protection