

# 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  
(MICROSD 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 buttons) make it the ideal device for field service technicians, security personnel, mobile nurses, housing maintenance workers, regulatory inspectors, transport drivers, construction site staff and many more.

The R500+ can resist water, dust and other microparticles and its tough Corning® 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 v3.0, a 1.2GHz Quad Core processor, 4GB of built in memory and an 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, Facial Recognition, E-Compass and Signature Capture via 3rd party applications. The R500+ comes with GPS, Accelerometer, G-Sensor, Proximity and Light Sensors. 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:

Withstands drops onto concrete of up to 1.2 metres  
Fully waterproof up to one metre for up to 30 minutes  
Total protection from dust and micro particles  
Ruggedised IP67/MIL-STD-810G rating

### Chipset:

Qualcomm Snapdragon MSM 8225Q Quad Core 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)  
Corning® 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 85 hours  
(Times will vary based on user settings and network configuration)

### Battery:

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

### Camera:

Rear: 5MP AF CMOS rear camera with LED flash  
Front: 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)

### Certifications:

CE, RoHS, FCC

### Accessories Included:

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

### Accessories Available:

Holster, Dual USB car charger with 1m USB cable



## > R500+ KEY FEATURES



Dedicated Lone Worker Button



Dedicated Push-To-Talk Button



NFC Enabled



Ruggedised IP 67/MIL-STD-810G Rating



Gorilla Glass



Android 4.1 Jelly Bean



Dual Sim Slots



Long Battery Life



Fully Water and Dust Proof



Withstands 1.2m Drops onto Concrete

\*Requires partner application to enable function. Toughshield and the stylised Toughshield logo are trademarks or registered trademarks of Toughshield Devices Ltd. All other trademarks are the property of their respective owners. ©2014 Toughshield (UK) Ltd. All rights reserved.

## > TOUGHSHIELD PARTNER SOLUTIONS

Our partners have a wide range of systems that are available anywhere, anytime providing business critical services to customers from a wide and diverse range of industry sectors which include Field Services, Security Guarding, Emergency Services, Field Sales, Facilities Management, Compliance Inspection, Domiciliary Care, Transport and Construction.



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
- Navigation
- Lone worker protection

# ToughShield

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Toughshield reserves the right to alter specifications without prior notice.