



## Technical Specifications

### Talk Time:

Up to 17 hours\*

### Standby Time:

Up to 21 days\*

### Battery Type:

3100mAh Lithium ion (Li-ion) non-removable

### Display:

4.5", IPS, 720p HD, impact-resistant touchscreen (1280 x 720 pixels)

### Operating System:

Android™ 4.4 (KitKat)

### Chipset:

MSM8928, Qualcomm® Snapdragon™ 400 processor with 1.4GHz quad-core CPU

### Network:

GSM/GPRS/EDGE: 850/900/1800/1900MHz  
UMTS/HSPA/HSPA+: 850/900/1900/2100MHz  
LTE: B2/B4/B17/B5, Cat. 4  
LTE Intl. roaming: B1/B7

### Memory:

16GB ROM/2GB RAM  
microSD™ memory card slot (supports up to 32GB)

### SIM Type:

Nano SIM card

### Size:

136.8 x 70.5 x 13.9 mm (5.39 x 2.78 x 0.55 in)

### Weight:

200 g (7.06 oz)

### Media Formats:

**Audio:** WMA, AAC, AAC+, eAAC+, AMR-NB, AMR-WB, MP3, QCELP, EVRC, MIDI, OGG (Vorbis), WAV, FLAC

**Video:** H.263, H.264, MPEG4, WMV, VP8

**Image:** JPEG, GIF, PNG, BMP, WEBP

### Operating Temperature:

-30° C to 60° C (-22° F to 140° F)

### Storage Temperature:

-40° C to 85° C (-40° F to 185° F)

## Highlights

- **Ultra-Durable for Your Workforce** — Certified IP68 dust and waterproof† and Military Standard 810G protection against dust, shock, vibration, temperature extremes, blowing rain, low pressure, solar radiation, salt fog, humidity and water immersion. Designed to provide access to information in any type of working environment.
- **PTT (Push-to-talk) Ready Smartphone** — Optimized design to improve the PTT experience with a large, physical side button, an extra-loud speaker and remote speaker microphone headset support. Side button can be reprogrammed to access business apps.
- **Protection in Hazardous Locations: Non-Incendive, Class I, Division 2, Group A-D, T4** — Certified for use in classified hazardous work environments where concentrations of flammable gases, vapors, or mists are not normally present in an explosive concentration (but may accidentally exist). Ideal for plant and field operations that need maximum safety.
- **Hear & Be Heard** — Loud, dual-front speakers with a peak volume of 100dB, or as loud as a jackhammer from 6.5 feet away, dual microphone noise cancellation and Smart Sonic Receiver allow you to hear clearly even in the noisiest work environments. Great for construction sites, plants and loud work areas.
- **Stay Productive** — With Glove and Wet Touchscreen Operation you can use the touchscreen while wearing gloves or when the screen is wet, the feature is always activated, no special setting to turn on. Plus dedicated hard keys for Android navigation and speakerphone offer quick access with gloved hands or large fingers. \*\* All weather operation means that there are no restrictions or limits for getting the job done at any time.
- **Powerful 3100mAh Non-Removable Battery** — Plus added energy-saving features like Eco Mode with MaxiMZR which extends performance automatically by powering down noncritical functions, so you can work all day and overtime too.
- **2G, 3G and 4G LTE Global Ready** — Makes traveling simple and keeps employees connected to critical company information.

## Connected Enterprise Highlights

Tested and approved to support key Enterprise Mobile Management (EMM) solutions and more.

- Exchange Active Sync (EAS) with enhanced email client with advanced calendar functionality helping you get the job done.
- Secure Device Encryption with FIPS 140-2 compliance. Supports secure data-at-rest and data-in-motion in the device to help ensure that your business communication is secure.
- Highly configurable Virtual Private Network (VPN) capabilities with extensive authentication protocol and VPNC-compliant solution support built in to protect your corporate data.
- MDM support for improved management of devices on the corporate network to assist your business in knowing the details of your device.

## Functional Design Enhancements

- HD touchscreen and improved display readability in bright outdoor settings.
- Dedicated hard keys for Android navigation and speakerphone offer quick, easy access with gloved hands or large fingers.
- Large programmable side key for programming your most frequently used enterprise apps like PTT, Email, Calendar, Maps, etc.
- Reinforced housing for extra durability.
- 3-axis accelerometer, proximity sensor, ambient light sensor, digital compass and barometer

\* Times will vary based on user settings, feature use, and network configuration.

\*\* Recognizes touch input while wearing gloves up to 3mm thick, the material, texture and thickness of the glove as well as how it fits your hand will impact performance. Individual results may vary.

† To ensure that your phone maintains waterproof capability, the following precautions must be observed.

- Make sure the charger/data port, audio jack and card slot covers are properly seated, with no foreign objects obstructing the seals.
- Do not spray or immerse your phone in liquids other than fresh water or tap water, such as detergent, beverages, or chlorinated or treated water. Certain liquids such as salt water and chlorinated water are corrosive over time. Should your phone be accidentally exposed to other liquids, rinse the phone gently in clean fresh water.
- Do not expose your phone to water heated in excess of 104° F (40° C)
- Your phone is inoperable under water and should be dried as quickly as possible when wet.
- Do not use the charger/data port for charging, data transmission, etc. until the phone is completely dry.
- Do not use the headset jack to plug in an accessory until the phone is completely dry.

# DURA FORCE

by KYOCERA



## User Environment Characteristics

### Durability:

**Military Standard 810G** - drop/dust/vibration /shock/salt fog/solar radiation/extreme temperature /low pressure (high altitude)/water jet/water immersion  
**IP68** - dust/water jet/water immersion up to 1.8 meter (6 ft) for 30 minutes  
**Nonincendive, Class I, Division 2, Group A-D, T4:** protection in hazardous locations

### Operating Temperature:

-30° C to 60° C (-22° F to 140° F)

### Storage Temperature:

Less than one month:

-20° C to 60° C (-4° F to 140° F)

More than one month:

-20° C to 45° C (-4° F to 113° F)

### Humidity:

95% non-condensing

## Workforce App Enhancements

- Dura Grid widget offers popular settings uniquely designed with high-contrast, large icons for improved outdoor visibility and easy access with gloved hands. Dura Grid can be customized with most frequently used icons and settings and is available in a six- or nine-position layout.
- Useful preloaded app tools and widgets for outdoor use: Barometer/Altimeter, Flashlight, Compass and Weather.
- Android™ 4.4 (KitKat) for development of useful business and productivity apps. Google suite of applications including Google Play™ for access to hundreds of thousands of free apps.
- OfficeSuite for accessing work documents.
- Mobile payment: Visa® and MasterCard® capable

## Camera and Video for Business Use

- 8MP camera with video, digital zoom, LED flash and auto-focus. 2MP front-facing camera for video calling and capturing data in the field.
- Photo capture features: Panorama, Color Effects and Filters, Continuous Shooting, Smile Shutter, HDR, Image Stabilization and DSLR-style defocus.
- Live full capture and playback: 1080p at 30fps.
- Streaming video: 1080p at 30fps.

## Battery Features to Keep Work Going

- 3100mAh non-removable Li-ion battery.
- PMA-enabled wireless charging.
- Qualcomm Quick Charge with 1500mA charger for faster recharging to get back to work quickly.

## Enhanced Connectivity to Get Employees On Line Fast

- Mobile Wi-Fi hotspot capability, up to ten connections so everyone at the jobsite can connect (additional fees may apply).
- Wi-Fi® 802.11 a/b/g/n/ac, k, r, 2.4 and 5GHz for max business connectivity options on the LAN.
- Stereo Bluetooth® (4.0 + LE/EDR) wireless technology support and Bluetooth Smart Ready so that your peripheral devices like scanners and printers can connect seamlessly.
- NFC support to easily swap contact information or content as well as asset IDs.
- Wi-Fi CERTIFIED Miracast®

## Extras

- Corporate (Exchange ActiveSync) and personal (POP3 & IMAP) email support.
- 3.5 mm stereo headphone jack.
- Language support English, French, Simplified Chinese, Traditional Chinese. Android Keyboard support for English and French.
- Hearing Aid Compatibility (HAC) Rating: M4/T3

## Included Accessories

- AC charger (Micro-USB data cable pluggable)
- Micro-USB data cable



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