

# / DELFI COSMO

## ULTRA RUGGED & DURABLE SMARTPHONE

### ULTRA-DURABLE SMARTPHONE

The Delfi Cosmo is an ultra-durable device, developed to meet US Military Standard 810G rating that ensures protection against fall, drop, shock, vibration, dust, water immersion, extreme temperatures, low pressure, high altitude, solar radiation, salt fog, humidity and a wide variety of extreme conditions.

### WALKIE-TALKIE FOR PUSH-TO-TALK

The rugged design of Delfi Cosmo is optimized to improve the Push-to-Talk experience with a large, tactile side button, an extra-loud speaker and external Push-to-Talk remote speaker microphone and headset support. You can communicate with a specific worker, a specific group of workers, or all of your workers at no cost. Whether on a smartphone, a radio, a computer or any other communications device, your personnel can connect instantly via Push-to-Talk.

### PREMIUM DEVICE WITH QUALCOMM SNAPDRAGON OCTA-CORE 1.8GHZ

Qualcomm Snapdragon, the brain of Delfi Cosmo has Octa-core 1.8GHz processor will provide unbeatable performance any kinds of enterprise applications in the field. Its X9 LTE modem will give you up to 300Mbps downlink and 150Mbps uplink speed. Delfi Cosmo has 4GB RAM and 32GB Flash.



### EXPERIENCE THE TRULY-ENTERPRISE-TUNED SMARTPHONE

A consumer smartphone may be easy to use but its frailness and lack of security makes it unsuitable for the enterprise environment. Your business needs a smartphone that is fine-tuned for the accomplishments, job satisfaction and productivity of your workers, and that's where Delfi Cosmo comes in. You can find a variety of rugged Android smartphones in the market, however, Delfi Cosmo is the truly-Enterprise-tuned smartphone. Whatever you expect, YOU WILL SEE MORE. Delfi Cosmo features fast roaming Wi-Fi, full SDK & API for enterprise-level customization, user-friendly replaceable battery, Push-to-Talk function with loud speaker and more. Both USB-C and Pogo-pin connector provide multiple expansion like a charging cradle, multi-slot battery charger or vehicle-mounted cradle, which are widely required in the enterprise working environment.

### FEATURING 3 "HARD" KEYS FOR FIELD-WORK-FORCES

Delfi Cosmo features 3 hard keys: Recent Apps, Home, Back button including a user-assignable key for quick access to essential applications in the field.

Qualcomm Octa core	RAM/ROM 4GB / 32GB	ANDROID 7.1	5.0" HD 720x1280	DAYLIGHT READABLE	GORILLA GLASS	4G LTE	WIFI a/b/g/n/ac	FAST ROAMING
Push-to-talk	NFC	13M REAR 5M FRONT	BLUETOOTH	Built-in GPS	2900mAh 5800mAh	IP67	1.2M (4ft)	SUPPORT

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## TECHNICAL DATA:

### PHYSICAL CHARACTERISTICS

#### **DIMENSIONS**

With standard batt. 154.8mm L x 77.7mm W x 13mm D  
6.1 in. L x 3.05 in. W x 0.5 in D  
With extended batt. 154.8mm L x 77.7mm W x 19.4mm D  
6.1 in. L x 3.05 in. W x 0.76 in D

#### **WEIGHT**

With standard batt. 190g / 6.7oz  
With extended batt. 250g / 8.3oz

#### **DISPLAY**

5.0", IPS panel (720 x 1280 pixel) HD  
Daylight readable (500 nits typical)  
Wide viewing angle

#### **TOUCH PANEL**

Capacitive with Corning Gorilla glass®  
Smooth operation using finger or capacitive stylus  
Glove touch

#### **POWER**

Standard Battery 2,900mAh Li-ion removable  
Extended Battery 5,800mAh Li-ion removable

#### **KEYPAD**

Front Recent Apps, Home & Back  
Right Volume, Up/Down, Power  
Left Push-to-Talk ready  
All hard keys (except power key) is user-assignable using EmKit

#### **AUDIO SUPPORT**

Supports VoIP  
Built-in two microphone (Noise cancelling)  
Loud speaker (Push to talk ready)  
Receiver and headset jack (3.5mm)  
Wireless bluetooth headset support HAC (T3 & M3)

#### **STANDARD COMMUNICATIONS**

USB2.0 OTG

### PERFORMANCE CHARACTERISTICS

#### **MAIN-PROCESSOR**

Qualcomm® Snapdragon, Octa-core, 1.8GHz

#### **OPERATING SYSTEM**

Google Android 7.1 Nougat  
(CTS & GMS certified) FOTA (Firmware Over The Air)  
update is available via MS Azure Cloud

#### **MEMORY AND STORAGE**

RAM 4GB  
ROM (NAND Flash) 32GB  
Micro-SD Micro-SD card slot supports up to 32GB SDHC

#### **SENSORS**

Gyroscope  
Accelerometer  
Light sensor  
Proximity sensor  
E-compass

### USER ENVIRONMENT

#### **OPERATING TEMPERATURE**

-20°C to 60°C / -4°F to 140°F

#### **STORAGE TEMPERATURE**

-25°C to 70°C / -13°F to 158°F

#### **HUMIDITY**

95% Non-condensing

#### **DROP**

MIL-STD 810G for 1.2m on concrete (26 drops) at room temperature only

#### **WATER / DUST PROOF(SEALING)**

IP67

#### **ELECTROSTATIC DISCHARGE**

±15 kV air discharge  
±8 kV contact discharge

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### TECHNICAL DATA:

#### DATA CAPTURE

#### CAMERA

Rear 13MP Aperture f/2.0 wide-angle AF with LED flash  
Front 5.0MP

#### NFC (NEAR FIELD COMMUNICATION)

P2P NFC (13.56Mhz HF RFID)  
Supported TAG-ICs:  
MIFARE® 1k/4k/Plus, MIFARE UltraLight  
MIFARE UltraLight C, MIFARE DESFire  
MIFARE DESFire EV1, ISO 14443 A & B

#### GLOBAL POSITIONING SYSTEM

#### GPS

12 channel integrated GPS: assisted via WAN carrier:  
accuracy within 3m, Stand-alone GPS available, support  
GLONASS

#### WIRELESS

#### WIRELESS WAN

EDGE/GPRS/GSM	850/900/1800/1900
WCDMA	B1/2/4/5/6/8/19
LTE FDD	B1/2/3/4/5/7/8/17/19/20
	X9 LTE Cat7
	Dual-SIM card slot

#### WIRELESS LAN

Radio IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v, IPv4,  
IPv6, 1X1 SISO

Data Rates IEEE 802.11a/n: Up to 150 Mbps  
IEEE 802.11b/g/n: Up to 72.2 Mbps  
IEEE 802.11ac: Up to 433 Mbps

Operating Channels 1 to 13 (2412~2472MHz),  
36 to 165 (5180~5825MHz)

Channel Bandwidth 20, 40, 80 MHz

Security and Encryption WEP(40 or 104bit)  
WPA/WPA2 Personal(TKIP, AES);  
WPA/WPA2 Enterprise(TKIP/AES)  
PEAP(MSCHAPv2, GTC),  
TLS, TTLS(PAP, MSCHAP,  
MSCHAPv2, GTC),  
PWD, SIM, AKA, AKA', FAST(M  
SCHAPv2, FGTC), LEAP

Fast Roam PMKID Caching, Cisco CCKM, 802.11r

#### WIRELESS PAN

Bluetooth Class I, Ver.4.2 Low Energy

#### REGULATORY APPROVALS AND COMPLIANCE

Certified CE, FCC & PTCRB (GCF test report), IC, KC, CB  
Environmental: RoHS II, WEEE & REACH compliant

#### ENTERPRISE SOLUTION

SOTI, Airwatch, Teamviewer

#### EmKit

Power Launcher Kiosk mode with system restriction  
Allows admin to restrict operator's access  
to system settings, MTP connection and  
screen capture

Direct Clone Master PDA becomes a local server  
for a nearby device to automatically  
communicate and download/restore  
backup files

Scan2Set Unique two-step feature for Android  
models that enables the fastest device  
deployment right out of the box

#### Standard accessories



AC/DC Power  
Adaptor



Country Plug



USB Type-C  
Cable



Standard  
Battery

#### Optional accessories



Extended  
Battery



Dual Slot  
Cradle



4-Slot Battery  
Charger