CM65

Comprehensive
Mission-critical Mobility Experience

Mission-critical operation

Ergonomic form factor

· Light-weight(270g) but still rugged design brings comfort in day-to-day operation.

· Large and intuitive two Push-to-Talk buttons located from each side offers the optimal user key selection.

Outstanding Audio quality

· Qualcomm® Fluence Pro™ technology
  The Fluence algorithm detects the speaking party position and consistent voice quality
  with noise reduction by "Sound Focus" feature. It determines the best microphone channels automatically.
  Cybertel makes PTT specific audio tuning with Qualcomm audio professional.

· Active Noise Cancellation
  MCPTT device gets echo noise from other devices in close proximity.
  With Active noise cancelling technology in both CM65 and Cybertel MCPTT Application,
  the device blocks echo feedback which generated within 5m proximity.

Mission criticl operatioin

· Based on MCPTT knowledge and experience, Cybertel CM65 fully supports MCPTT QCI 69 for signaling,
  65 for voice and 70 for data

· USIM based device authentication for out-of-box use

· Fully verified with eMBMS service with Qualcomm Snapdragon chipset

· Man-down trigger

- The vehicle kit consists of extended loud speaker as well as built-in RSM
- A built-in docking station charges CM65 device
- Supporting power voltage for versatile vehicle type

- The motorcycle kit offers comprehensive communications such as built-in Speaker Mic, Dual loud speaker, extended PTT button as well as device charging feature.
- 10 Watt x 2 loud speaker inside
- Locating extended PTT button on the steering so that the police can have floor control conveniently during drive

- The helicopter kit consists of extended antenna to overcome network weak signal in the air.
- Main and sub antenna each for PS LTE and Public network
- The kit is mechanically compatible with ADS-33 (Flying Quality Standard Specification)

Mobile dispatching kit

12 Bay Multi-charger

Desktop cradle

Remote Speaker Mic

CM65 Data Sheet

SPECIFICATIONS

— Physical Characteristics

Dimensions	156.5mm(L) x 81.1mm(W) x 16.6mm(H)
Weight	269g with Standard Battery
Display	5.0 in. Full HD (1920 x 1080) Gorilla Glass 3
Touchpanel	Capacitive Touch Screen (Glove & Wet Touch)
SIM	2 USIM Slots
Power	Li-ion Polymer 3,720mAh / Standard Battery Device charging voltage : 5V DC 1.7A Power adaptor charging voltage : 5V DC 2A
Expansion Slot	MicroSD Card Slot upto 128GB
Notification	Audible Tone; Multi-Color LEDs; Vibration
Keypad	On-Screen Keypad
Voice & Audio	Dual Loud Speakers; 1.5W X 2

— Data Capture

Scanner	1D/2D Imager (SE4710)
RFID	ISO15693, 14443A/B
Camera	Rear - 13MP Auto-Focus / Front - 8 MP

— PTT

Physical PTT Key	Programmable
Dedicated PTT Speakers	Front-Located 3W Dual Loud Speakers

— Wireless WAN Data & Voice Communications

Radio Frequency Band	GSM : 850, 900 MHz WCDMA : 2100, 1900, 850, 900 MHz LTE: Band 1,2,3,4,5,7,8,14,20,28
GPS	AGPS , GLONASS, BeiDou

— Performance Characteristics

CPU	Qualcomm® Snapdragon™ (SDM660)
Operating System	Android 1 2
Memory	8G RAM / 128GB ROM

— User Environment

Operating Temp.	-20℃ to 60℃ / -4°F to 140°F
Storage Temp.	-30℃ to 80℃ / -22°F to 176°F
Humidity	5% to 95% Non-Condensing
Drop Spec.	1.5m / 5ft MIL-STD 810G
Sealing	IP67

— Wireless LAN

Wi-Fi	IEEE 802.11 a/b/g/n

— Wireless PAN

Bluetooth	Bluetooth 5.0

— Peripherals and Accessories

Desktop Cradle, 4 Slot Cradle, Snap-on Charger, RS-232/
USB 3.1 C Type, Vehicle Mount, Hand Strap

— Warranty

Standard Warranty (I Year)
Optional Comprehensive Warranty (Up to 5 Years)

CYBERTEL bridge