

C-One² HF ASK



PHYSICAL CHARACTERISTICS

DIMENSIONS & WEIGHT	150 mm x 80 mm x 30 mm (L x l x P) 345 grams including battery
SCREEN	4.5" WVGA High Resolution (720x1280) Portrait or Landscape Capacitive Color Touchscreen Dragontrail Glass
CAMERA	13 MPixels Autofocus & Flash Sensor Sony IMX135
EXTENSION, SENSORS & COMMUNICATION PORTS	1 Micro SD Slot 1 Micro SIM Slot 1 Micro USB Connector 1 LIF Connector 3 Programmable Keys Proximity Sensor Ambient Light Sensor Geomagnetic Sensor Gyroscope Accelerometer
BATTERY	3.7V - 3300 mAh Li-ion (Up to 10 hours working-time) Non-removable battery Battery charging time: 3hours Charging methods: EU standard power supply or cigarette lighter Docking station (Single or 4-slot) Snap-on connected spare battery 3200 mAh 5V / 2A charger

PERFORMANCE CHARACTERISTICS

PROCESSOR	Qualcomm Snapdragon MSM 8956 Dual Core @ 1.8 GHz Quad Core @ 1.4 GHz
MEMORY	2 GB LPDDR3 RAM 16 GB Flash Up to 400 GB via the Micro SD Slot
OPERATING SYSTEM	Android 7.1 Android 8 Our SDK's are compatible with Android Studio.

USER ENVIRONMENT

IP SEALING	IP65
TEMPERATURES	Operating Temperature: -20°C to +60°C Storage Temperature: -20°C to +60°C
DROP SPECIFICATION	Multiple drops on 1.5m (Compliant MIL-STD-810G)

WIRELESS COMMUNICATIONS

BLUETOOTH	BT 4.0 BT 2.1 EDR
WLAN	WiFi (2.4 GHz - 5 GHz) 802.11 a/b/g/n/ac
WWAN	GSM GPRS EDGE supported frequency bands: 850 - 900 - 1800 - 1900 MHz 3G supported frequency bands: UMTS B1 (2100) - B2 (1900) - B5 (850) - B8 (900) 4G supported frequency bands : LTE B1(2100) - B3 (1800) - B5 (850) - B7 (2600) - B8 (900) - B20 (800) - B28 (700) WARNING: Limited support of cellular networks in Canada and the USA.
INTEGRATED GPS	GPS A-GPS GLONASS BeiDou

RFID MODULE (Integrated - Tested & Approved)

HF	<p>RFID HF ASK Module: UCM108 13.56 MHz ISO 14443 A/B/B' Felica ISO18092 (NFC) Supports up to 2 SAMs: ISO 7816 A,B,C, T=0, T=1, with PPS up to 1.2 Mb/s HSP Innovatron Protocol Compliant with the following cards:</p> <ul style="list-style-type: none"> • CTS256B CTS512 CTS512B CTM512B ST SR Family THTF1064 ST SRI ST SRIX ST19 ST23 ST31 ST25 (Excepted ST25TV) • Calypso Rev 1 Rev 2 Rev 3 : CD97 CT2000 CD-light GTML GTML2 TanGO CD21 and/or CDS3 • MIFARE® 1K 4K Ultra Light (& EV1, C) Mifare Plus Class3 SmartMX DESFire® 2K 4K 8K • NXP Atmel Infineon Sony Felica® • STM ICAO Java Card® ITSO • Gemalto Celego G1
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BARCODE READER

IMAGER	Imager 2D Honeywell N6603
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REGULATORY

CERTIFICATION	EU: CE certification US: FCC certification Canada: ISED certification Other Countries: On demand RCTIF V5.0 CEN/TS 16794
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