POLICE MOTORCYCLE IP67 SOLUTION

HANDSFREE R5

ESN Fixed Vehicle Device.

Handsfree Group

Emergency Vehicle Technology.

Digital, Data & Technology

POLICE MOTORCYCLE IP67 SOLUTION

Intercom system

- Slimline and sleek
- Waterproof
- Wired or bluetooth
- Suitable for a range of helmets
- Quick release PTT helmet interface
- HD quality, crystal clear sound

Touchscreen IP67

- Touchscreen 5.7
- 1.8mm Gorilla Glass
- Wired
- Suitable for harsh conditions
- Suitable for gloves
- Durable and rugged IP67

Push To Talk Button

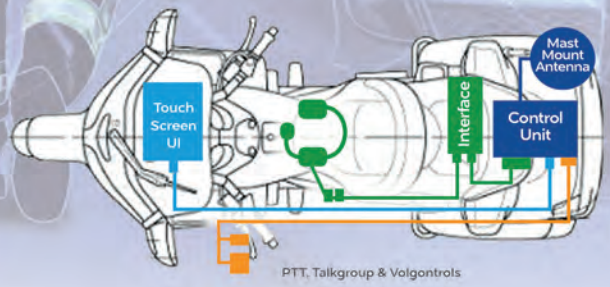
- Push to Talk Button
- Wired
- PTT positioned on handle bar

Main Features

- ESN PTT
- DMO Direct Mode (Device to Device)
- In vehicle high speed WIFI hot spot
- Bluetooth connected devices
- 4G Mobile network technology LTE
- Voice Calling
- Ethernet Connection
- GPS technology
- Multiple or Second Screen

General Specification

Dimensions CU:	180mm x 170mm 50mm	WLAN:	2.4GHz and 5GHz, 802.11 a/b/g/n/ac
Dimensions 5.7 UI:	188mm x 100mm x 40mm	Bluetooth:	BT2.1+EDR/3.0/4.1 LE/4.2 BLE/BT5.0
Weight CU:	1.3 kg	GNSS:	Multi channel, GPS/GLONASS/BeiDou
Weight 5.7 UI:	400 g	Operating System:	Android 10
Operating Voltage:	9 to 36v	Processor:	Qualcom Octa core, SDM660
Power Consumption:	Average 20W. Standby 0.15W	Memory:	64Gb Flash, 4Gb RAM
Transmission Power:	23dBm	SDCard:	Physically secure SDCard holder, supports
SIM Card:	Physically secure Micro SIM Holder		up to 256Gb
Modem:	3GGP rel 12, LTE CAT6 Max DL 300Mbps, Max UL 5Mbps	Operating Temperature:	-20 deg C to +60 deg C
		Storage Temperature:	-30 deg C to +80 deg C
Supported Networks:	LTE FDD: B1, B2, B3, B4, B5, B7, B8, B20, B28 (A+B) LTE TDD: B38, B39, B40, B41	D2D functionality:	Via external Tetra Radio in DMO mode.



Connection Specification

Antennas	2 x SMA LTE LTE MIMO, 3 x FRAKRA WLAN & GPS	Audio Interfaces	Plugs: Molex 5557 4 wired audio interfaces 1 Bluetooth audio interface
Data transfer	Mini USB connection / USB 3	Power Supply	Power cable (permanent plus, ground, ignition)
Digital I/Os	Connection socket for I/O cable kit, max. current capacity: 150 mA per connection: dielectric strength: 32V x8	Interfaces	USB 2.0 x2, USB 3.0 x1, NFC
Connector size UI cable:	Custom IP67 HDMI, 46mm x 31mm x 12mm	Connector size Audio cable:	RJ50, 16mm x 13mm x 21mm

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