



HANDSFREE R5

ESN Fixed
Vehicle Device.



INTEGRATED USER INTERFACE WITH OEM SOLUTION

Integrated UI with OEM

- Improves driver safety
- Optimises control of vehicle systems
- Aids compliance with vehicle use legislation
- Reduces cost by simpler equipment integration
- Increases de-fleeting resale value of the vehicle



OPSES IMPERO



INTEGRATED UI WITH OEM



Antennas



Power Management

Push To Talk Button

- Push to Talk Button
- Wired
- Positioned steering wheel console



Handsfree Mic

Telephone Handset

- Telephone handset with PTT button and mounting cradle
- Wired



Audio Integration

- Loud speaker via audio integration or discreet speaker for covert installation
- Wired

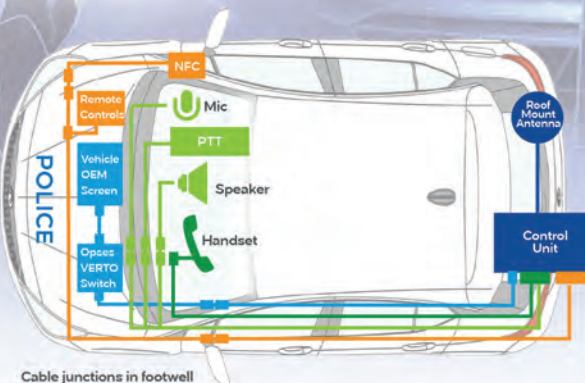


Main Features

- 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:	Qualcomm Octa core, SDM660
Power Consumption:	Average 20W, Standby 0.15W	Memory:	64Gb Flash, 4Gb RAM
Transmission Power:	23dBm	SDCard:	Physically secure SDCard holder, supports up to 256Gb
SIM Card:	Physically secure Micro SIM Holder	Operating Temperature:	-20 deg C to +60 deg C
Modem:	3GPP rel 12, LTE CAT6 Max DL 300Mbps, Max UL 5Mbps	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.



Cable junctions in footwell

Connection Specification

Antennas	2 x SMA LTE LTE MIMO, 3 x FRAXRA 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