

Handsfree Group are a specialist single-point destination supporting first response clients including Police, Fire Services and Ambulance with adaptable vehicle technology solutions.

Vehicle Technology

COMMUNICATION

Vehicle communications, developing ESN, LTE Fixed Vehicle Devices

SAFETY

Technology to support safety on the roads

SECURITY

Solutions, highly secure technology for total vehicle security



Vehicle Conversions

FULL VEHICLE SOLUTIONS

Bespoke design & build, project managed to your specification

INSTALLHUB

A 10,000 sq ft state of the art, installation facility

PROJECT MANAGEMENT

Comprehensive end to end solutions of quality installation and aftercare



Datalive Software

DATALIVE

Datalive Tracking and Telematics

FLEXIBILITY

Modular Systems

EVOLVE

Full vehicle integration



Vehicle Installations

NATIONWIDE COVERAGE

UK wide coverage – our engineers come to you

FITAS ENGINEERS

Locally based FITAS accredited, skilled technical engineers

QUALIFIED INSTALLERS

Fully qualified installer of the latest technology solutions



Emergency Services Vehicle Installations

- Vehicle communications
- Safety devices
- Security solutions
- Datalive Tracking and Telematics
- Modular Systems
- Full vehicle integration
- Lighting and audible presence
- Full vehicle solutions
- Product familiarisation training
- Full project and planning management
- Specification documentation of individual vehicle models
- A full service and aftercare warranty, 3 + 2 + 2 years.



To find out more about what Handsfree Group can do for you
Call 0161 864 6440 or email sales@handsfree.co.uk



HANDSFREE R5

ESN Fixed Vehicle Device.



POLICE CAR SOLUTION

Push To Talk Button

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



Handsfree Mic



Touchscreen

- Touchscreen available in multiple sizes 5.7" & 7"
- Wired



Telephone Handset

- Telephone handset with PTT button and mounting cradle
- Wired



Handsfree Speakers

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



Touchscreen User Interface

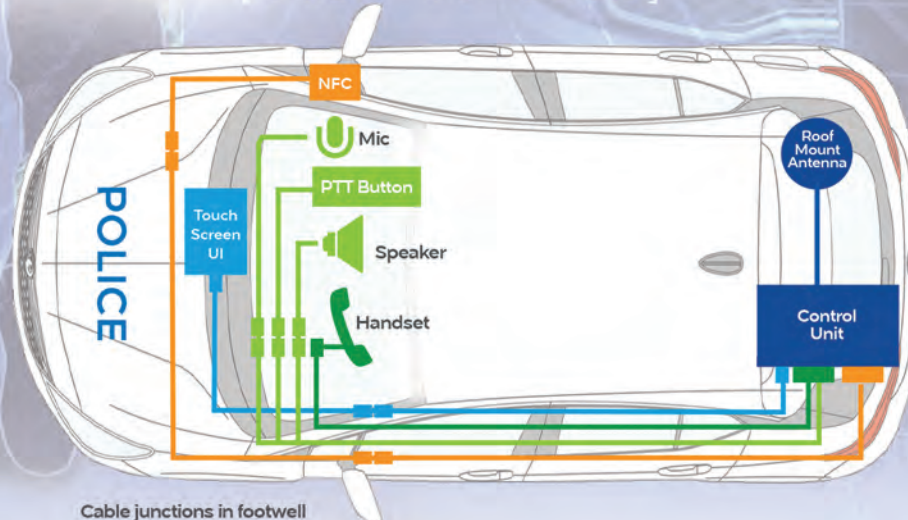
- ✓ Stand-alone touchscreen available in multiple sizes,
- ✓ IP67 touchscreen
- ✓ Up to 5 programmable hot keys including siren and lighting control
- ✓ Ultra-tactile, suitable for use with gloves
- ✓ Built for rugged, harsh environments
- ✓ Emergency, volume, brightness hard key controls
- ✓ AMPS mounting solution
- ✓ Touchscreen user interface, vehicle regulations compliant

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 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 FRKRA 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