

PRODUCT DESCRIPTION :

OCTO PurePlace

The COVID-19 experience suggested the opportunity of integrating the scope of telematics on-board device kits with an accessory specifically conceived to maintain a clean and sanitized, bacteria and virus-free environment in the passenger compartment. Octo selected the most appropriate technology on the market, namely based on the so-called PCO – Photocatalytic Oxidation, integrating it in the on-board wireless network and the overall telematics use case handling. This sanitification is particularly useful, if not indispensable, for the sharing and short term rental applications, and for the cab city services. The system is easy to be installed, by connecting the BT holder / adapter, supplied in the kit, to the vehicle power supply, and plugging the purifier on it.



WEIGHT & DIMENSIONS (Purifier device)

Length: 200 mm

Width: 71,3 mm

Height: 80 mm

Weight: 150 g



WEIGHT & DIMENSIONS (SmartDiag device)

Length: 49 mm

Width: 25 mm

Height: 34 mm

Weight: 100 g



<p>PRODUCT COMPOSITION</p>	<ul style="list-style-type: none"> A Bluetooth holder / adapter including the Purifier unit. An APP downloadable from Apple and Google app stores is available for both end-user and taxi cab configuration 12V and USB cables Cigarette lighter → USB adapter Installation & activation instructions. 	<ul style="list-style-type: none"> Microprocessor: STM32L471xG Memory: Overall 1MByte Flash / 128kByte RAM + 32MByte SPI Flash Operating temperature: -20°C to +75°C
<p>TECHNICAL SPECIFICATIONS</p>	<ul style="list-style-type: none"> Purifier: <ul style="list-style-type: none"> Dual ball bearing fan Ion density > 20 million / cm3 Combined AFLPCO and AFL Plasma technology Holder: <ul style="list-style-type: none"> 12V and USB Supply Low power consumption (<4mA Stand-By) Internal 40mAh battery enabling up to 2.5h purifying time after primary power disconnection Multi-Coulour status LED 	<ul style="list-style-type: none"> Operating voltage 12 & 24V 6mA stand-by Flexible I/O: <ul style="list-style-type: none"> 2 x ISO 11898-2 HS CAN interface 1 x ISO 11898-3 LS CAN interface 1 x J2411 Single Wire CAN interface Battery voltage sensing Virtual key sensing using both supply voltage monitoring and analog acquisition of each single interface line Optional battery backup (temperature range limited to -10°C to +60°C)
<p>WIRELESS</p>	<ul style="list-style-type: none"> Bluetooth Low Energy 5.0, compatible with Octo BT-net protocol. 	<ul style="list-style-type: none"> Bluetooth: bluetooth low energy 5.0 Modem: LTE CAT M1 + NBIoT +2G fallback (EU, US) Navigation: GPS, Galileo, Glonass, beiDOU, QZSS + UDR (Untethered Dead Reckoning) with autonomous sensors FOTA: firmware over the air, for remote software update and configuration
<p>CERTIFICATIONS</p>	<ul style="list-style-type: none"> Compliant with CE and BT standards. Security rating TUV, RoHS, CE, FCC (Purifier) 	<ul style="list-style-type: none"> Compliant to: RoHS - CE, E Mark EMC (Electromagnetic Compatibility): EN 301 489-1 EN 301 489-7 - 2004/104/EC E Mark: ENECE regulations - EMC R10.05 Spectrum Efficiency: EN 301 511 R&TTE: 1999/5/EC Low Voltage: 2006/95/EC Health: EN62311 Safety: EN 60950
<p>INSTALLATION</p>	<ul style="list-style-type: none"> Self Install by connecting the device with the provided cable to a suitable USB socket or by using the provider USB adapter Professionally installed, by connecting the device to a +12 VDC not interrupted, power source on board of the vehicle The purifier kit is automatically recognized by the Octo on-board device, if the relevant option is activated in the telematics contract. 	<ul style="list-style-type: none"> Self-installed on OBD port
<p>GEOGRAPHY</p>	<ul style="list-style-type: none"> Worldwide 	<ul style="list-style-type: none"> European Union Countries North America (where CAT-M1 connectivity is available)
<p>AVAILABILITY</p>	<ul style="list-style-type: none"> Available in large quantities within one month from order. 	<ul style="list-style-type: none"> Available in large quantities within one month from order.

OCTO does not guarantee, represent or warrant that the use of a photocatalytic oxidation purifier used in the OCTO PurePlace will prevent a vehicle's occupant(s) from contracting any type of bacteria or virus based illness, including, but not limited to, the common cold, coronavirus or influenza.

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