c-pod®

SECURITY SYSTEMS

PROTECTED BY

c-pod©

PRODUCT CATALOG
2019

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C-pod

C-pod Base Package Part no: P1703-141

The C-pod Base package is the start kit that includes everything that is nedeed to install the C-pod main unit.

Included in the box:
– C-pod main unit
– Fastener for the main unit
– GPS antenna
– Cellular (GSM) network antenna
– Magnetic intrusion sensor
– Power cable
– Activation button
– Hook-and-loop fastener for the GPS antenna
– Manual

C-pod Features

✔ Flexible system
  The C-pod system is designed to be flexible. All sensors and detectors can be fitted to a Hub allowing the installation to grow and up to 6 sensors can be installed on each alarm loop.

✔ Geofence alarm
  The C-pod continuously monitors the boat's position through the built-in GPS and sends an alarm if it moves more than 200m

✔ Battery disconnect alarm
  If the external power is cut the C-pod sends an alarm before converting to the internal back-up battery

✔ Battery level warning
  The user can select a battery voltage threshold to get a warning when it is time to charge the boat's batteries or to detect when shore power is not available

✔ Communication warning
  The system actively monitors each C-pod unit every hour. If the unit goes offline a notification is sent to the user. The user is thus assured that the system is fully operational.

✔ Sensor alarms
  Possibility to add up to 12 sensors to detect intrusion, theft, water, smoke or other hazards onboard.

✔ Remote equipment management
  Possibility to add a relay to turn on/off electronics remotely.

Technical specification

- Dimensions (WxHxD): 180x110x40mm
- Weight: 299g
- Supply voltage:10 – 30V DC
- GSM quadband modem
  (850, 900, 1800 and 1900 MHz)
- 12 Channel GPS, -152 dBM sensitivity

- 2000mAh Li-Ion backup battery
- 2 sensor loops with up to 6 daisy-chained sensors each
- 1 output for siren or relay (remote switching)
- Average power consumption 25 – 30 mA
- Operating temperature -15° to 55°C / 5° to 131°F
- CE & FCC approved

C-pod

Intrusion Detectors

Motion Detector (PIR), Part no: P1703-404 or P1703-405

The industry's best detection accuracy, false alarm immunity and ultimate long term reliability with Fuzzy Logic algorithm (TMR), and state-of-the-art 3D cylindrical optics.

Features
- White light and UV protection
- Easy to install no vertical adjustment
- Sealed optics - Protects from insects and air currents
- Digital temperature compensation

Technical specification
Operating Voltage:	9 to 16 VDC
Standby Current Drain:	8 mA at 12 VDC
Sensitivity:	2 motion events
Operating temperature:	-10°C to 50°C
Dimensions (LxWxH):	94,5 x 63,5 x 49,0mm

Available in:

P1703-404
Connector: USB
Length: 6m
Colour: White

P1703-405
Connector: M8
Length: 3m
Colour: White

Magnetic Detector (PIR), Part no: P1703-435 or P1703-436

Magnetic sensor for door or hatch. Will notify you of break-in or if you have forgotten to close a door or a hatch after your boating session.

Features
- Surface Mount Magnetic Contact
- Recessed mounting holes make for clean-looking installations.
- Designed to prevent moisture from entering and causing false alarms.
- Neat and tidy design

Technical specification
Operating Voltage:	9 to 25 VDC
Max operating gap:	15 mm
Dimensions (LxWxH):	50,8 x 14 x 9,53mm

Available in:

P1703-435
Connector: USB
Length: 6m
Colour: White

P1703-436
Connector: M8
Length: 3m
Colour: White

Safety loop, Part no: P1703-450 or P1703-451

The Safety loop is a simple yet effective sensor for protecting outboard engines, tenders or Jet Skis from theft. Fasten the loop inside the engine or to your valuable belonging, if the loop is broken an alarm will go off immediately.

Features
- Two split cable connected with phono contact
- Tamper proof

Technical specification
Operating Voltage:	5 to 30 VDC
Operating temperature:	-40°C to 70°C

Available in:

P1703-450
Connector: USB
Length: 5,5m
Colour: Black

P1703-451
Connector: USB
Length: 7,5m
Colour: Black

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Environment Detectors

Water Level Sensor, Part no: P1703-442 or P1703-441

Will notify immediately if your boat has reached a critical water level. Reasons vary but heavy rain and bilge pump malfunctions are most common.

Features
- Will Detect Any Conductive Non-Flammable Liquid
- Automatic Reset

Technical specification
Operating Voltage: 12 or 24 VDC
Dimensions (LxWxH): 63,5 x 13,2 x 13,97mm

Available in:

P1703-442
Connector: USB
Length: 7m
Colour: White

P1703-441
Connector: M8
Length: 3m
Colour: White

Smoke Detector, Part no: P1703-452 or P1703-453

The smoke and heat detector is designed to respond to a wide spectrum of fires and ease installation. The multisensors use Advanced Photoelectric Technology in conjunction with the fixed temperature heat sensor to further extend its capabilities as a smoke detector. Every unit is individually tested and calibrated to ensure high reliability and prevent false alarms.

Features
- Advanced photoelectric smoke sensing technology
- Highly immune to false alarms
- Dual LEDs for 360° visibility
- Easy installation and maintenance

Technical specification
Operating Voltage: 9 or 24 VDC
Detection Range: 100 m^2 (smoke) 50m^2 (heat)
Operating temperature: -10ºC to 50ºC
Dimensions (D x H): 10mm x 46mm

Available in:

P1703-452
Connector: USB
Length: 7m
Colour: White

P1703-453
Connector: M8
Length: 3m
Colour: White

Low Temperature Sensor 5°C, Part no: P1703-447 or P1703-448

The temperature Power Sensor (TPS) is the high performance control type thermostat equivalent to the performance of electronic thermostat. The sensors are pre-set with a temperature limit. When the ambient temperature goes below the trip temperature limit, the switch configuration will change.

Features
- Fixed Temperature Sensors 5º C
- Easily mounted with one screw
- Automatically reset

Technical specification
Maximum Temperature: 64° C / 147° F

Activation Temperature:
Nom. 5° C (41.0° F) Max. 9° C (48° F) Min. 1° C (34° F)

Tolerance: +/- 4° C (+/- 7.2° F)
Dimensions (LxWxH): 40,0 x 1,25 x 0,64mm

Available in:

P1703-447
Connector: USB
Length: 7m
Colour: White

P1703-448
Connector: M8
Length: 3m
Colour: White

C-pod

Cables and Connectors

Connection Kit (USB-M8, 5m & Hub), Part no: P1703-415

Features
- Used if more than 1 sensor is used on an alarm loop.

- Includes:
  1 x USB-M8 cable (P1703- 346)
  1x Hub (P1703-410)

Specification

Operating Voltage:	0 to 30 VDC
Length:	3m
Colour:	White

Connection Cable USB - M8, 5 m, Part no: P1703-346

Features
- Used to connect a Hub to the C-pod

Specification

Operating Voltage:	9 to 16 VDC
Length:	3m
Colour:	White

Extension Cable M8 - M8, Part no: P1703-141

Features
- Used to connect two Hub's with each other.
- Necessary if more than two sensors are used on an alarm loop

Specification

Operating Voltage:	9 to 16 VDC
Length:	3m
Colour:	White

Available in:
Length: 5m, 10m

Hub (3 x M8) incl. End Connector, Part no: P1703-141

Features
- Used if more than 1 sensor is used on an alarm loop or if a greater distance is needed for installation.

Specification

Operating Voltage:	9 to 16 VDC
Length:	3m
Colour:	White

Remote control

Relay, Part no: P1703-411 or P1703-412
The relay is used to switch on/off onboard equipment remotely. Turn on a heater, light or the fridge from a distance!

Features
- Small size, heavy duty.
- Low contacts voltage drop (<3mV/A), reduce circuit consumption and noise.
- Contact structure, performance reliable, with plug-in pins, handle with ease.

Technical specification

Operating Voltage:	12V or 24V
Switching voltage:	14 VDC or 28 VDC
Switching current:	30 A or 10 A
Operating temperature:	-40°C to 80°C
Dimensions (LxWxH):	28 x 28 x 53mm

Available in:
Connector: USB
Length: 5m
Colour: Black

C-pod

Siren

Siren, Part no: P1703-406
Sounds if a sensor goes off on your boat and attention will immediately be drawn to your vessel. This small siren allows it to be surface mounted in almost any location. The high IP rating allows it to be used in most environments.

Features
- High IP rating for marine environments
- Small size
- Surface mounted
- Low operatin current ~18mA

Technical specification

Operating Voltage:	9 to 28 VDC
Sound Output:	92dB
Protection:	IP65
Operating temperature:	-25°C to 70°C
Dimensions (DxH):	60mm x 43mm

Available in:

Connector: USB
Length: 7m
Colour: White

External antennas

External GPS and GSM antenna, Part no: P1703-409
The industry's best detection accuracy, false alarm immunity and ultimate long term reliability with Fuzzy Logic algorithm (TMR), and state-of-the-art 3D cylindrical optics.

Features
- Comes in white colour
- 27 dB Gain GPS
- GSM band
- High IP rating for marine environments
- Wide temperature range

Technical specification

GPS	
Frequency:	1575.42 MHz
Power Gain:	27 dB
Noise figure:	Max 1.8
GSM	
Frequency:	Quadband 4 dBi gain
Overall Performance	
Operating temperature:	-40°C to 85°C
Dimensions (DxH):	64,5mm x 14mm
Protection:	IPx7

GSM Antenna, Part no: P1703-408
The industry's best detection accuracy, false alarm immunity and ultimate long term reliability with Fuzzy Logic algorithm (TMR), and state-of-the-art 3D cylindrical optics.

Features
- Comes in black colour
- Robust 90° joint antenna
- Three "snap in" positions 0-45-90°
- Gain 1,5dBi

Technical specification

Frequency:	868, 850/900/1800/1900, 2400 MHz
Gain Average:	1.5 dBi
Polarization:	Vertical
Operating temperature:	-20°C to 60°C
Dimensions (DxH):	9,3 x 104mm

C-pod Lite

C-pod Lite Start Kit Part no: P1703-131

The C-pod Lite Start Kit is all you need to protect your
asset for over a year! 12- months subscription included.

Included in the box:
– C-pod Lite unit
– Fastener for the unit (Permanent adhesive tape)
– Manual

C-pod Lite Features

✔ GeoFence alarm
Immediately receive an alarm if your vehicle has moved
more than 100m (109yd)

✔ Low power consumption
C-pod Lite will last for two years without changing the
battery.

✔ Small
The C-pod Lite has the same size as a deck of cards
which makes it easy to hide.

✔ Global coverage
The unit comes with a pre-fitted SIM card that has world
wide coverage. There are no extra fees for roaming.

✔ Unlimited number of alarm receivers
There are no limit to the number of people you can add to
receive alarms.

Technical specification

- Dimensions: 118 mm x 69.5mm x -26.8mm
- Weight: 105g (without batteries)
- GSM quad-band (850, 900, 1800 & 1900 MHz)
- GPS: 50-channel GPS receiver.
- Positioning accuracy: <2.5m
- Batteries: Three lithium batteries, 1500 mAh
- Waterproof: IPX7

- Working temperature: -20 ° C ~ + 60 ° C
- Standby time: ~ 700 days
- Reporting for five minutes, 4 reports per day.
- Continuous reporting every five minutes in
  alarm mode
- CE & FCC approved

Battery pack, Part no: P1703-506
When the internal batteries are low they can easily be
replaced with the replacement battery pack.

Technical specification
Three lithium batteries, 1500 mAh

C-pod ELite

C-pod Lite Start Kit Part no: P1703-136

The C-pod ELite Start Kit is all you need to track your asset! 12- months subscription included.

Included in the box:
– C-pod ELite unit
– Fastener for the unit (Permanent adhesive tape)
– Manual

C-pod ELite Features

✔ Always online

✔ GeoFence alarm
  Immediately receive an alarm if your vehicle has moved more than 100m (109yd)

✔ Small
  The C-pod ELite is our smalles tracker which makes it easy to hide. It is about the same size as a match box.

✔ Global coverage
  The unit comes with a pre-fitted SIM card that has world wide coverage. There are no extra fees for roaming.

  Unlimited number of alarm receivers
  There are no limit to the number of people you can add to receive alarms.

Technical specification

- Dimensions: 70 mm x 46 mm x 17,5 mm
- Weight: 62g
- GSM quad-band (850, 900, 1800 & 1900 MHz)
- GPS: 50-channel GPS receiver.
- Positioning accuracy: <2.5m
- Waterproof: IPX6

Technical specification

- Working temperature: -30 ° C ~ + 80 ° C
- Continuous reporting every 10 minutes in alarm mode
- Battery backup time in alarm mode: ~ 90 hour battery backup (reporting every 10 minutes).
- CE & FCC approved