



NORTH AMERICA
Product Catalogue

WITTRA.IO



UNIFIED IOT OUT OF THE BOX NETWORK KIT 1.0 NA

Order Code: 1000525

Description:

6LoWPAN Mesh IoT Network kit to prove the value of IOT within days. Certified hardware, ready for field deployment. Backhaul with Ethernet or Cellular modem (modem not included).

Pack Size:

- 1x Unified Gateway and Cable Gland
- 8x C{x}ameleon with Mounting Cradles
- 8x Sensor Tag Velcro Straps
- 1x Reset Plug
- 1x 12V Power Supply
- 4x5V Power Supplies (3 Mesh-Router and 1 Sensor Tag)
- 1x External Antenna
- 1x OTG Adapter
- 2x Release Keys

Product Link: <https://www.wittra.io/products/wittra-unified-iot-out-of-the-box/>



UNIFIED GATEWAY KIT 1.0 NA

Order Code: 1000527

Description:

Gateway with 6LoWPAN Mesh. Backhaul with Ethernet or Cellular modem (modem not included).

Pack Size:

- 1x Gateway
- 1x External Antenna
- US 1x 12V PSU
- 1x Magnet
- 1x Cable Gland

Product Link:

<https://www.wittra.io/products/unified-gateway/>

Data Sheet:

<https://www.wittra.io/unified-gateway/>



MIOTY PLUG IN KIT FOR UNIFIED GATEWAY

Order Code: 1000530

Description:

Mioty radio card to add Mioty LPWAN in the UNIFIED GATEWAY™. Requires additional antenna P/N 1000532

Pack Size:

- 1x Radio card (PCBA)
- 4x fastening screws



C{X}AMELEON 1.0 KIT NA

Order Code: 1000466

Description:

C{x}ameleon is unprogrammed when delivered.

It can take the functionality of:

WITTRA Sense 360: The WITTRA Sense 360 is a small, wireless multi-function asset tracker with multiple built-in and click-on sensing capabilities. The device allows you to collect both positioning and sensor data. **Mesh Router:** The WITTRA™ Mesh Router is a small, wireless “anchor point” that forms part of the mesh network on a local site. Mesh Routers work together to extend and scale the network coverage to suit any shape or size of site, indoors, outdoors, underground even in 3 dimensions upwards in a multi-level environment.

Positioning Beacon: Positioning Beacons offer the functionality of both ToF and RSSI. ToF (Time of Flight) positioning involves measuring the distance between a WITTRA Sense 360 and several Positioning Beacons using accurate timing signals. RSSI (Relative Signal Strength Indicators) measures signal strength to work out positioning. Positioning Beacons cannot transmit sensor data, they are purely positioning devices.

MiotySense360™: The MiotySense360™ is a small, wireless multi-function asset tracker with multiple built-in and click-on sensing capabilities. Operational within both mesh and star network topologies, the device allows you to collect both positioning and sensor data when present within the WITTRA™ mesh network.

Pack Size:

- 10x C{X}AMELEON US
- 10x mounting Cradle
- 10x Velcro strap

Product Link:

<https://www.wittra.io/products/wittra-cxameleon/>



EXTERNAL ANTENNA 915 NA

Order Code: 1000532

Description:

External antenna

Pack Size:

- 1x Antenna



CLICK-ON LPTH-C 1.0

Order Code: 1000416

Description:

Environmental CLICK ON Sensor with possibility to stack external power:

- Humidity
- Temperature
- Air Pressure
- Ambient Light

Pack Size:

- 1 pcs per pack

Product Link:

<https://www.wittra.io/products/wittra-cxameleon/>

Data Sheet

<https://www.wittra.io/data-sheet-click-on-sensor/>



CLICK-ON LPTH 1.0

Order Code: 1000417

Description:

Environmental CLICK ON Sensor:

- Humidity
- Temperature
- Air Pressure
- Ambient Light

Pack Size:

- 1 pcs per pack

Product Link:

<https://www.wittra.io/products/wittra-cxameleon/>

Data Sheet:

<https://www.wittra.io/data-sheet-click-on-sensor/>



CLICK-ON 1P-AMP

Order Code: 1000481

Description:

Click on single Phase measures

Pack Size:

- 1x 1 Phase Current Meter



SPLIT-CORE-CURRENT- TRANS- FORMER-0750-000

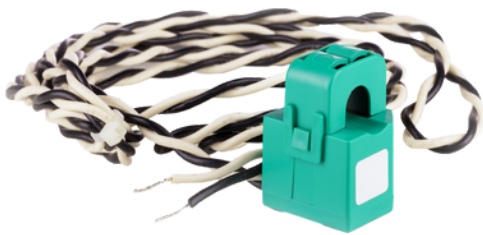
Order Code: SCT-0750-000

Description:

SCT-0750 Series split-core current sensors “sense” AC current up to 200 Amps passing through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor.

Pack Size:

- 1 pcs Current sensor



SPLIT-CORE-CURRENT -TRANSFORMER-0400-000

Order Code: SCT-0400-000

Description:

SCT-0400 Series split-core current sensors “sense” AC current up to 75 Amps passing through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor.

Pack Size:

- 2 pcs Current sensor

A black rectangular magnet with a white label. The label contains the text: "MAGNETLAB", "MCT-1250-000", "1.7500", "W#EM672 10.5V 12", and "THIS SIDE TOWARD SOURCE". A bundle of black and white wires is connected to the magnet.

Description:

Pack Size:

- 

Description:

Pack Size:

- Product Link:**

<https://www.wittra.io/products/wittra-accessories/>



OFF GRID BOX PRE-VERSION (excl. Battery)

Order Code: 1000452P

Description:

OFF-GRID box offers a true 'off the electrical grid' IoT deployment. Extends the run time of the WITTRA™ Mesh Router and Positioning Beacon

Pack Size:

- IP64 Enclosure
- 2x Battery Holders
- 1x Cabling including micro USB connection to MR and PB
- (Batteries not included, 6xD)



PROTECTION BOX 1.0

Order Code: 1000448

Description:

Ruggedized and weatherproof Enclosure for protection of Mesh Routers, PBs, WITTRA Sense 360 and MiotySense360™ in harsh environments. A Battery pack is needed for wall mounting bracket and Battery holder

Pack Size:

- IP64 Enclosure



PSU 5V International

Order Code: 1000344

Description:

5V Power Supply for Mesh Router /
Positioning Beacon or battery charger for
WITRA Sense 360 or MiotySense360™

Pack Size:

- 1 pcs per pack



PSU 12V International

Order Code: 1000343

Description:

12V Power Supply for Gateway

Pack Size:

- 1 pcs per pack

WITRA™

WITTRA.IO

Version 1