

# Neuron Accessories

## For Neuron Cellular Gateway

### Neuron Cellular Gateway Mounting kit

To achieve the best possible signal strength between gateway and sensor the gateway should be mounted with some distance to nearby walls and other constructions. The mounting kit ensures easy installation with necessary distance. Comes with all necessary parts, and all parts are in stainless steel



Neuron Cellular Gateway Mounting kit: PN: 422335

### Neuron Power Cable for Cellular Gateway

The Neuron Power Cable can be used to connect the gateway to a nearby 12-36 VDC, 2A power supply. Suited for example were the cellular coverage demand outdoor mounting of the gateway. If no DC power source is already present it can be combined with the Industrial DIN rail power supply.



Cable Length: 14 meter

Neuron Power Cable for Cellular Gateway: PN: 422339  
Industrial DIN rail power supply: PN 311055

### Neuron PSU for Cellular Gateway - IP67

The power supply that comes with the Neuron Cellular Gateway is not suited for outdoor conditions. If the gateway is to be mounted outdoors or in other humid environments, we recommend using the Neuron moisture proof PSU.



Neuron PSU for Cellular Gateway IP67 EU plug: PN: 422336  
Neuron PSU for Cellular GW IP67 Australia plug: PN: 422518  
Neuron PSU for Cellular GW IP67 UK plug: PN: 422519  
Neuron PSU for Cellular GW IP67 US plug: PN: 422526

### Neuron PSU for Cellular Gateway - IP21

The Neuron Cellular Gateway comes with this PSU as standard. But if you need spare it is possible to buy it as a stand alone part. The PSU is only suited for indoor use.



Neuron PSU for Cellular Gateway IP21 EU plug: PN 422496

# Neuron Accessories

## For Neuron Gateways and Actuator

### Neuron Gateway Battery Backup

The Neuron Ethernet Gateway Battery Backup is a power solution designed specifically for use with the Neuron Ethernet Gateway in an industrial environment. It contains a LiFePO4 cell that provides an uninterruptable power supply for the gateway in the case of a mains power loss or otherwise unreliable power.

Neuron Gateway Battery Backup: PN 422306



### 24 VDC DIN rail PSU for Neuron Gateways and Actuator

The industrial DIN rail power supply is suited to power the Neuron Gateways or Neuron Actuator, or even both at the same time. Mounted on the DIN rail, PN 422605, in a suitable enclosure it is fully capable of operating in industrial environments.

Spec: DIN Rail Power Supply 85-264V AC Input, 24V DC Output, 1A 20W

24 VDC DIN rail PSU

For Ethernet Gateway and Actuator: PN 311055

DIN Rail 100mm x 35mm x 7,5mm: PN 422605



### DIN rail

DIN Rail 100mm x 35mm x 7,5mm: PN 422605



# Neuron Accessories

## Neuron Antennas

### LTE Antenna

### ISM Antenna

### Antenna Cable

If gateway or actuator are to be mounted in a steel cabinet, the antennas must be outside the cabinet. There may also be situations where the LTE signal is weak and the antenna needs to be placed in a distance from the gateway. Another example may be that the Neuron Ethernet gateway is placed in a distance from some sensors, and it is needed to place one of the ISM antennas nearer to the sensors with the combination of antenna cable and the ISM antenna. For these applications we have suitable accessories to ensure optimal operation. We have chosen antennas with adhesive tape for mounting on non-conductive surfaces.

LTE Antenna, Industrial adhesive-mount,  
IP67, 2 meter cable: PN 422606

ISM Antenna, Industrial adhesive-mount,  
IP67, 2 meter cable: PN422607

Antenna cable, coaxial, SMA male-female,  
10 meters: PN 422608

Antenna cable, coaxial, SMA male-female,  
20 meters: PN 422609

