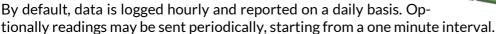


ionSign NEUTRON12-3G

Neutron12-3G is an independent AMR unit for pulsed consumption meters. It's amazingly easy to install and use.

Neutron12-3G converts 12 conventional, pulsed energy and utility meters into smart meters. It collects any kind of utility consumption data—electricity, water, gas, heat etc.—and delivers it to a remote server in the mobile data network. Meter supporting, the data is accurate for invoicing.

ionSign provides a cloud service for reporting and device management. However Neutron devices can also directly transmit to any EMS, BMS, etc. Bespoke server integrations are easy to design.





Technical specifications

- 12 standard SO pulse inputs for open collector and relay outputs of measuring devices
- 30 days local buffer (hourly data)
- Integrated 3G module with SMA connector for external antenna (included)
- IP20
- Operating voltage 11...13 VDC

- Current consumption 100mA (peak 200 mA)
- Operating temperature -25°C ... +55°C
- Operating humidity 5%...95%, non-condensing
- 6 module wide DIN rail enclosure
- (WxHxD 105x90x52mm)

Typical applications

Submetering of premises like office blocks, shopping malls, schools, hospitals, industrial manufacturing sites, residential buildings and more, for energy efficiency improvements

Mobile user interface

- Standard HTTP protocol allows easy server interface and application development
- Easy to install and control with SMS messages. Setup with only one SMS.

Extra features

- Optional cloud service for reporting
- Easy integration to other reporting systems
- Available with enclosure for higher IP class
- Available also for LAN connection