



INTELLIGENCE IS POWER

All-in-one operations monitor & transmitter

The Pulse Intel comes complete with a screw terminal block, power supply and antenna.

<https://tscloud.io>

Pulse Intel

The Pulse Intel is a GSM-based alert transmitter that sends alerts via SMS, E-mail or as an IP packet* to the TS Cloud. The unit can be supplied complete with a SIM card that logs in on all available networks. Activation and programming is done remotely via the TS Cloud.

The Pulse Intel can be used for operational monitoring, measuring uptime, access control or remote control.

The Pulse Intel is designed to provide you with a high degree of reliability, simple operation and quick installation. All settings are configured remotely via the TS Cloud.

Alert Transmission

The Pulse Intel has eight digital alert inputs which upon activation send alerts via SMS, E-mail or to the TS Cloud.

The inputs can be connected to normally-open and normally-closed sensors, as well as to a signal of a maximum of 28V DC.

Eight alert or reset messages per input can be sent.

Remote Control or Access Control

The Pulse Intel has two normally-open relay outputs that can be activated by means of a telephone call, an SMS or the TS Cloud. Upon receiving a call, the

preselected relay is activated during the set time. The device can either be controlled by timer or be switched on and off upon each call.

An acknowledgement can be sent as an SMS to the party that called. These events are logged in the device and the information* is made available in the TS Cloud.

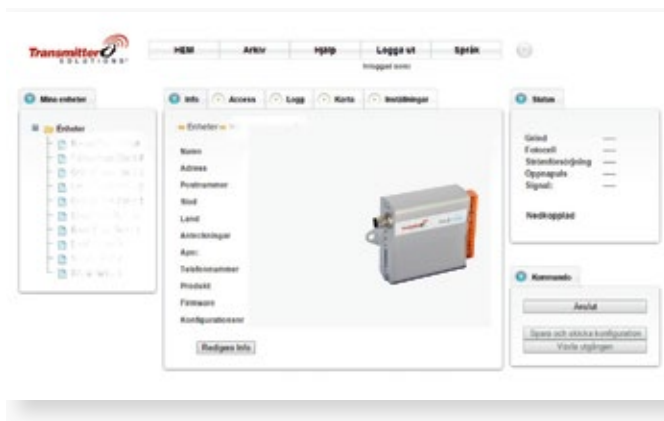
The outputs can also be controlled by means of SMS commands. Activation can either be controlled by timer or be switched on and off.

Time-controlled Access Control

The means of remotely controlling the device can be limited. If the access control is activated, all inbound calls and SMS commands are compared against a telephone catalog of authorized numbers. If the sender is not authorized, the call or command is ignored. Authorization can also be limited to certain days of the week or times of day. Names, telephone numbers and times are administered easily in the TS Cloud. 1024* user numbers can be saved in the access list.

Pulse Counter Function*

The pulse counter function can be used for such things as measuring uptime, runtime functions, mechanical tracking or gauging consumption. A typical example would be the number of times a gate is opened. The information is sent via an IP



packet to the TS Cloud, where the history, prognoses and other details can be read. It is also possible to read the information by SMS.

Configure All Devices via the TS Cloud

You can gain access to all your devices via the TS Cloud, the portal for our connected devices. Here it is easy to add or remove access numbers, change recipients of alert notifications etc. The basic settings can be changed at no cost upon normal use. Those who want to make more frequent updates or to make use of optional functions can obtain one of several different subscription alternatives.

Transmitter Solutions Roaming SIM

The unit can be delivered with a SIM card that roams. The operator providing the strongest signal at the installation location is selected automatically. If contact with the operator is lost, the device automatically switches over to the next operator available.

Battery Backup*

As an option, the Pulse Intel can be ordered with an internal battery backup*. In the event of a power outage, the device runs for approx. 24 hours on the battery. While running on battery power, the unit is fully functional, which means that the passive sensor can be monitored even during a power outage.

With the battery backup installed, the unit also monitors external input voltage. Alerts via SMS, E-mail or IP packet to the TS Cloud* can be sent if the external voltage is lost, as well as when it is restored.

*: Optional function

Technical Information

Power Supply

- Input voltage
9-24 V AC or 9-28V DC
- Power consumption, nom.
15 mA @ 24V DC
- Power consumption, max
500 mA @ 24V DC
- Temperature range in operation
-22° to 158°F (-30° to +70° C)

Connections

- Inputs: 8 alert inputs
max 28V DC
- Outputs: 2 normally-open relay
outlets. Max. 30V, 1A
- Cable area, max: 16 AWG

SIM

- Micro-SIM

Dimensions

- L x W x H: 3.65 x 2.7 x 1 in

Weight

- 3.9 oz not including battery backup

Installation

- Installed using screws or DIN clips*

Package contains

- Pulse Intel central unit
- Magnetic Mount Antenna
- Pluggable 16-pin screw terminal block

Accessories*

- Integrated battery backup
- Antenna extension cable
- DIN clips