

Telic

Telematik & Telemetrie

Telic new “STD35”

Features and benefits



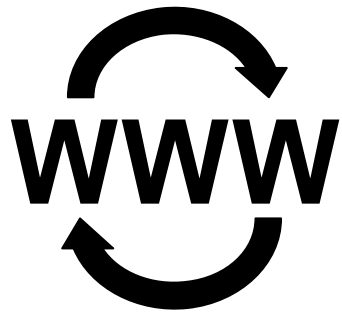
***To offer the telemetry market a
high quality telemetry device with up to date functionality***

STD35: Main features

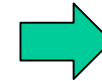
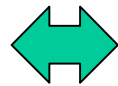
- Webserver functionality
- Camera support
- E-Mail -Client
- Activating by toll free phone call
- The use of analog inputs
- Detailed explanation of main features
- Accessories
- STD35 helps to protect the environment
- *Motion Sensor*
- *Optional: UMTS module*



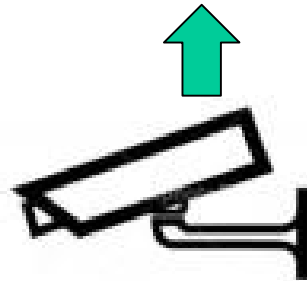
STD35: Key features



Webserver



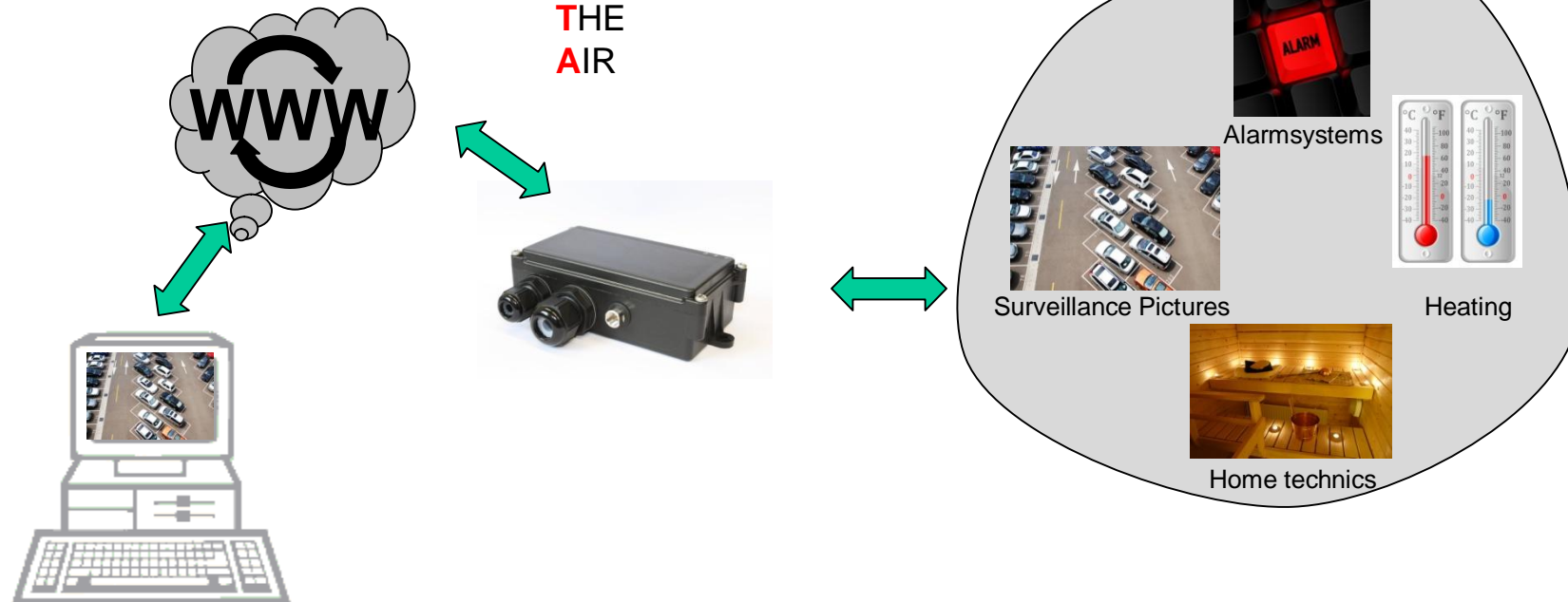
E-mail-client



Camera

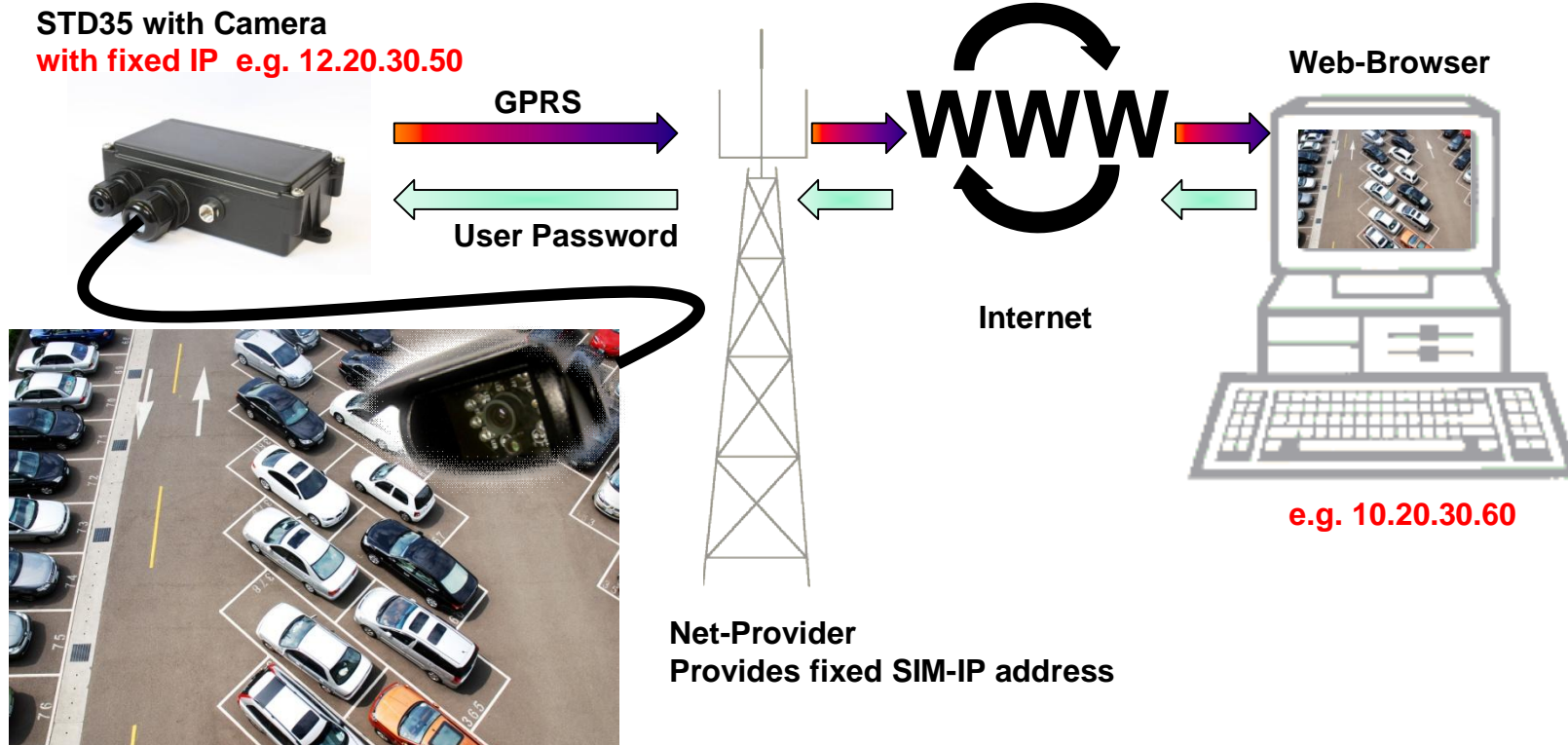
Webserver:

- Integrated in the device
- Accessible with a SIM-Card with fixed IP
- Comfortable configuration with a web-based GUI
- Possibility to establish a **DOTA** **DOWN LOAD**
OVER
THE
AIR



STD35: Camera support

- Camera with infrared light optional available
- Photo of the current environment via Button on Web-Server
- For alarm verification



Email-Client:

- Events via SMS, and in addition via Email
- Possibility to attach e.g. images to the „Event-Email“



Toll-free phone call

STD35 rejects the call, but verifies the caller-ID number

- To activate an output, or
- To take a picture from the optional camera and send it via e-mail



Application:

- To open a garage door
- Switch on/off the air condition or light
- To check actual site at STD35 side

Confirmation of activity by mail !

STD35: Analog input

Feature:

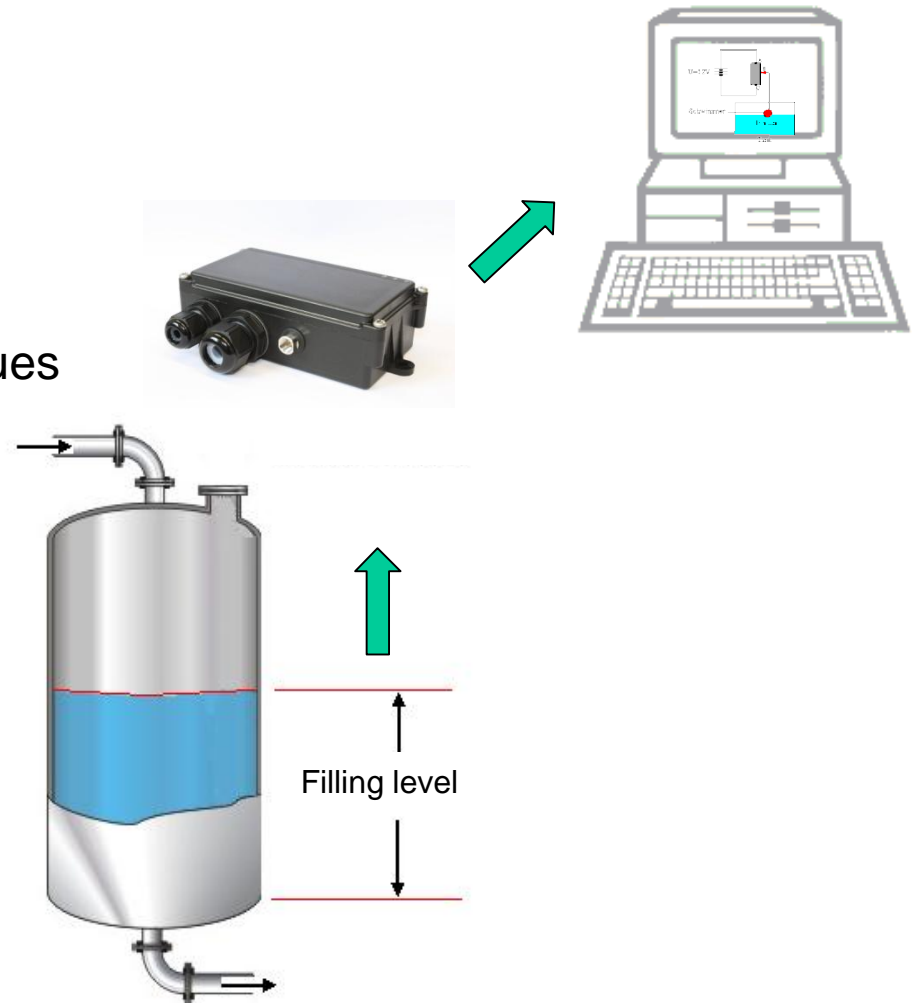
- 2 x Analog inputs

Benefit:

- Precise measurement of Voltage values

Application:

- Analog values:
 - Smart metering
 - Temperature measurement
 - Filling level measurement
 - Pressure measurement



STD35: Housing

Feature:

- Enclosure water protected

Benefit:

- Robust enclosure
- Installation in harsh environment
- Installation outside a Building or Machine possible

Applications:

- Compressors
- Generators
- Pumps
- ect.



STD35: Power supply

Feature:

- Power supply 7V...32V
- Integrated back-up battery (660mAh)

Benefit:

- Wide range of possible power supply
- Device continues to work even when main power is switched off for a certain time
- Logging can continue in case of power loss or sabotage
- Power-off message can still be sent
- Organize shut down procedure when power supply is off

Application:

- Important option for theft protection
- Installation in power critical environment



STD35: Temperature range

Feature:

- Wide temperature range (-30°C to + 75°C)
- Battery charging at (0°C to + 60°C)



Benefit:

- Operation in extremely cold or extremely warm areas/ countries
- Installation even in harsh environment

Applications:

- Outside areas
- Inside of generators
- ect.

STD35: Cable connection

Feature:

- Flexible cable connection concept



Benefit:

- Customer can flexibly chose the cable for his demand
- Safe time and money for customer specific cabling
- Preconfiguration of the connection cable as customer requires

Application:

- Request for petrol resistant cable, e.g.
- Request for acid resistant cable

STD35: SIM card holder

Feature:

- Robust SIM card holder

Benefit:

- Stable function in harsh environment (No SIM disconnection)
- Avoids GPRS reconnections caused by vibrations
- No GPRS reconnection fees

Application:

- Machines which are affected by vibration and shock, e.g.:
 - Generators
 - Compressors



STD35: motion sensor

Feature:

- Integrated motion sensor

Benefit:

- Allows long stand-by mode because device can switch to sleep mode when device is still standing.
- Allows theft detection when device moves during sleep mode
- Sensibility can be set from extremely high to extremely low.
 - Low = the device has to be moved away before detection
 - High = when somebody is working on the device



Application: where theft protection is important

STD35: UMTS Module “Project”

Feature:

- UC864-E or UC864-G Module:

Benefit:

- International functionality were no GSM/GPRS is available
- up to 7,2 Mbit/s download rate
- E-Mail GPRS/EDGE/UMTS/HSDPA

Application:

- Application with the need of higher down-and upload ratio
- Where GPRS is not available



Feature:

- Made in Germany



Benefit:

- High quality level of products
- Low distance between headquarters and manufacturing plant
- Fast intervention into manufacturing process possible if necessary
- Lower lead times
- More flexibility in terms of project specific variants

Applications:

- Industrial application with quality and stability approach

Telic STD35 accessories

Antennas



Power supply



Camera



The contribution to protect the environment by Telic products :



- Remote control of devices like air conditioning systems can avoid unnecessary drives



- Surveillance of vending-or parking machines and remote data exchange about the status. Therefore “status visits” to maintain are not longer necessary.
- If a failure at the machine occurs we know already the reason and can act more target oriented and prevent unnecessary drives without the right spare part.
- Smart metering avoids unnecessary drives for surveillance (like annual energy consumption measurement)

Telic STD32 + STD35: Technical features



		
IP 65 Housing:	No	YES
Backup Battery:	No	YES
Power supply:	5...32V	7...32V
GSM Module:	Telit GE864-QUAD	Telit GC864-Quad Telit UC864-E* Telit UC864-G*
Inputs:	2 digital inputs	3 digital 2 analog also used as digital
Outputs:	2 digital outputs	5 Outputs
Temperature range:	-30°C...+75°C	-30°C...+75°C
Accessory Interface:	RS232 for Camera and Terminal Mode with RS 232 level 12V)	RS232 for Camera and Terminal Mode with RS 232 level /12V)
Camera interface:	YES	YES
E-Mail-Client:	YES	YES
GPRS:	YES	YES
WEB-Server:	YES	YES
Motion Sensor:	No	YES