

**E-ipTNA**  
Dual Path transmitter for secure  
IP transmission

The E-ipTNA together with the EVALink® M2M security platform provide a secure and reliable transmission of events over IP from security systems and technical equipment to emergency and service control centres (ARC).

## Secure communication over IP

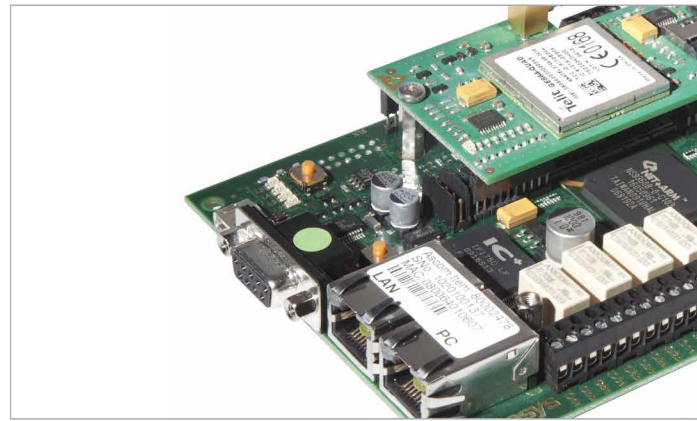
Encrypted data connections are periodically monitored by means of so-called «Alive Checks» via alternative communication channels (Ethernet and Mobile). This helps detect interruptions and sabotage attempts.

### Main features

- Event capture, processing and transmission
- Data flow management and control
- Reception and output of remote control commands
- Monitoring of all functions and transmission channels

### Special features

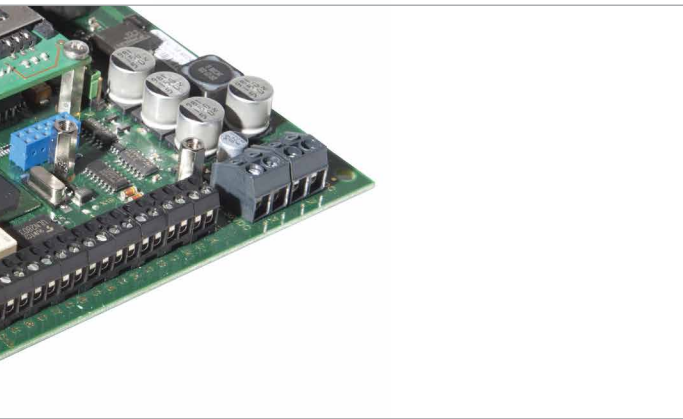
- The E-ipTNA transmitter requires no static IP address
- Simple device configuration and start-up by means of EVALink®InstallerApp™ and central administration
- Transmission via two independent media (Dual Path)
- Secure data transmission between the transmitter and EVALink® via the Sitasys protocol with authentication, encryption, and dynamic key exchange



- Central and local firmware update for individual or groups of ipTNA® transmitters
- Remote access to the event log of the transmitter
- Optional extension module

### The E-ipTNA is mainly used for the transmission of

- Burglar alarm
- Fire alarm
- Panic alarm
- Fault alarm in buildings
- Measured values
- Water alarm



## EVALink® InstallerApp™

With the EVALink® InstallerApp™ secure transmission can be established in less than 3min.



*Use our InstallerApp™ for secure and easy device start-up.*

Certification / Product	E-ipTNA
EN50131 (burglary) recognized	●
EN54-21 (Fire) certified	●
EN50136-2 certified	●
VdS recognized & tested	●
Ready for VdS 3138	●

Technical data	E-ipTNA
Temperature range	-10 ... +55 °C (CENELEC indoor in general)
Connection technology	<ul style="list-style-type: none"> <li>• Network: 2x RJ45 shielded sockets</li> <li>• Inputs / Outputs: Pluggable screw connectors</li> <li>• Serial port: 9-pin sub D socket</li> <li>• Power supply: screw terminals, pluggable</li> <li>• USB: Mini-A (socket)</li> <li>• GSM antennas: SMA socket</li> </ul>
Housing (optional)	Plastic for wall mounting; fire category V0; Dimensions: 190x255x45mm (WxHxD); class of protection IP 30
Printed circuit board	Easy-Europe format, dimensions: 100x160x29mm (WxHxD)
Network connection	Integrated switch with 2 ports Ethernet 10/100 Base-T (Twisted pair cable)
Contact inputs	8 digital inputs on Main PCB with signal integration (200ms to 4s). Potential applications: <ul style="list-style-type: none"> <li>• inputs with current loop monitoring</li> <li>• inputs with switching voltage (&lt; 15 VDC)</li> </ul>
Contact outputs	4 digital outputs on motherboard: Bistable relays in accordance with V.31 up to max. switching current 0.5 A; max. switching voltage 60 VDC (SELV); isolating voltage 500 Veff
Serial interface	RS232 with rates of 1200, 2400, 9600 bps, full duplex <ul style="list-style-type: none"> <li>• Max. length user data blocks 256 Bytes</li> <li>• Without electrical isolation</li> <li>• Protocol TSS 14 or TSS 14 with TSS17 header</li> <li>• PAD profiles: 2000, 2400, 2401, 2600, 2800</li> </ul>
Power Supply	Double power supply socket, decoupled and individually monitored DC 10...36V, typical 170 mA@12 VDC
USB interface	USB Host v.2.0 (only for diagnostic purposes)
GSM module (optional)	Quad band 850/800/1800/1900MHz GSM/GPRS class 10
Expansion module with 8 additional digital inputs and 4 additional digital outputs (optional)	<ul style="list-style-type: none"> <li>• 6 additional inputs with current loop monitoring</li> <li>• 2 additional galvanic isolated inputs</li> <li>• 4 OptoMOS relay, max. switching current 80 mA; max. switching voltage 30VDC (SELV); isolation voltage 500 Vrms</li> </ul>

For more information:  
[www.sitasys.com](http://www.sitasys.com)

# SWISS QUALITY AT ITS BEST



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