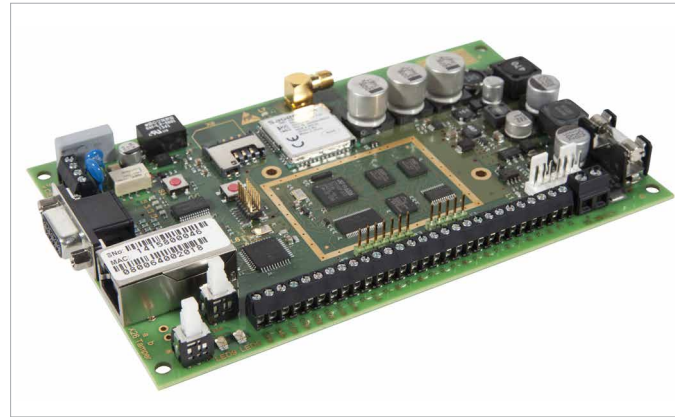


ipTNA3i/3i⁺
Dual Path transmitter for secure
IP transmission

The ipTNA3i/3i+ together with the EVALink® M2M security platform provide secure and reliable event transmission 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 ipTNA3i/3i+ 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
- Central and local firmware update for individual or groups of ipTNA® transmitters
- Analog to IP Modem Converter

Certification / Product	ipTNA3i	ipTNA3i+
EN54-21 (Fire) certified		●
EN50136-2 certified	●	●
VdS recognized & tested		●
Ready for VdS 3138		●



EVALink® InstallerApp™

The EVALink® InstallerApp™ is a web-based application of quick and easy configuration designed to help you perform transmission tests and connection faults diagnosis. The application runs on a PC, smartphones or tablet.

Successful start-up is documented with an automatically generated certificate.

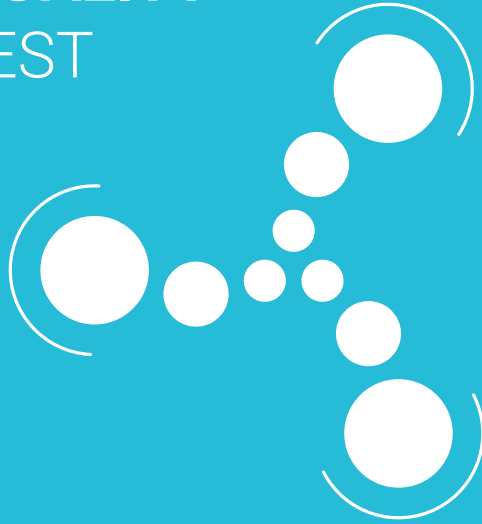


With the EVALink® InstallerApp™ secure transmission can be established in less than 3min.

Technical data	ipTNA3i/3i+
Temperature range	-10 ... +55 °C (CENELEC indoor in general)
Connection technology	<ul style="list-style-type: none"> • Network: RJ 45 shielded sockets • Inputs / Outputs: Screw connectors • Serial port: D-Sub connector 9-pin • Power supply: Screw Connectors • Dial-up interface: Screw Connectors • Accu connection: pin connector 7- pole • GSM antennas: SMA socket
Housing (optional)	Plastic for wall mounting; fire category HB; Dimensions: 190x255x45mm (WxHxD); class of protection IP30
Printed circuit board	Easy-Europe format, dimensions: 100x160x29mm (WxHxD)
Network connection	Ethernet 10/100Base-T (Twisted pair cable)
Contact inputs	<ul style="list-style-type: none"> • 10 inputs • 4 inputs for DialConvert • All with current loop monitoring and configurable signal integration from 200ms to 4s
Contact outputs	4 OptoMOS relays, max. switching current 100mA; max. switching voltage 30 VDC (SELV); isolating voltage 500 Veff;
Serial interface	RS232 (9-pin D-sub connector) full duplex to 115'200 bps. Customized protocols can be implemented on request (optional).
Power supply	DC 10...36V, typical 180mA@12VDC
Dialer connection (DialConvert module)	Connection for alarm systems with integrated analogue telephone dialer. Support to Contact ID, Basic 4/2 DMTF, Ademco Fast Format protocols. Standard protocols can be implemented on request (optional).
Tamper protection	Lid contact with external contact output (optional).
GSM module / interface	Manufacturer: Sagem Integration: Fix on the PCB Quadband frequencies 850/900/1800 / 1900MHz GPRS multi-slot Class 10
Battery (optional)	For autonomy > 30 hrs (Burglary) For autonomy > 72 hrs (Fire)

For more information:
www.sitasys.com

SWISS QUALITY AT ITS BEST



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