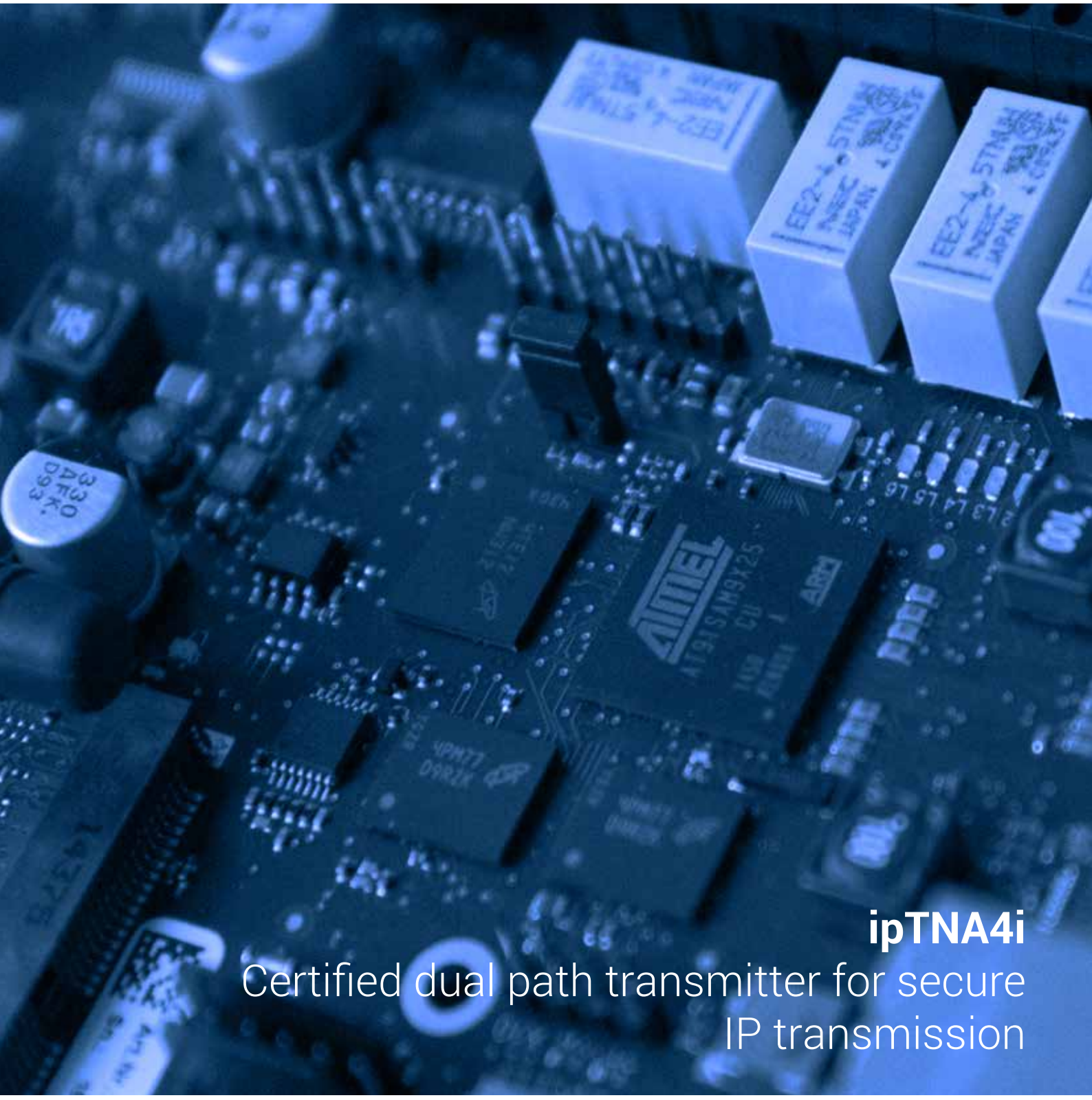
ipTNA4i
Certified dual path transmitter for secure IP transmission

sitasys

The ipTNA4i convinces with its technical capabilities and easy commissioning with the InstallerApp™.

Safe and secure communication via IP

With the EVALink® security platform, the ipTNA4i ensures a safe and reliable transmission of events from alarm systems (fire & intrusion) and technical systems over IP to alarm receiving centers (ARC). The encrypted data is transmitted over multiple independent communication paths (Ethernet/Wi-Fi and mobile) where each path is monitored.

Connection interruptions and sabotage attempts are easily detected that way. The alarm transmission occurs immediately when the alarm occurs and not just when the receiver (RCT) queries the transmitter (SPT). This increases the transmission and response speed. The ipTNA4i has a high-performance processor (ARM9) which can process large data volumes and thus is ideal for demanding tasks, such as video transmission.

The ipTNA4i can be connected to the latest IP-based alarm system (AS) via the second Ethernet port. It supports remote access to the AS via an encrypted VPN tunnel. If the AS is equipped with a serial connection, this function can also be used with a special adapter.

Depending on the requirements, the device offers 2G to 4G technology thanks to a modular setup of the communication modem. This also ensures fast adaptation to future technologies. The ipTNA4i is available with or without housing for assembly outside of or inside the alarm panel.

The main functions are:

- Receiving, processing and transmitting events to EVALink®
  New feature (Q4 2018) direct transmission to RCT in VdS2465 protocol
- Monitoring of all functions and transmission paths
- Reception and execution of remote control commands

Special features:

- Simple device configuration, commissioning and administration via EVALink® InstallerApp™
- Encrypted transmission over independent media (Ethernet/Wi-Fi/mobile)
- Firmware update via local web server or remotely via EVALink®
- Remote access to the event history
- Remote access to the AS (Ethernet/RS-232)
- Jammer detection of the mobile path (3G/4G)

Optionally available:

- Wi-Fi hotspot to simplify the commissioning
- Wi-Fi as a transmission path
- Extension card to increase the amount of I/Os from 10/4 to 20/8
- Dial converter card (PSTN/IP) as interface for analog AP
- Interface to Z-Wave sensors and actors
- Housing with battery for 72 hour autonomy

EVALink®InstallerApp™

Together with the EVALink® InstallerApp™ , the commisionning can be done in less than 3 minutes.

Our InstallerApp™ is available to you for simple and secure commissioning and installation tests of your devices.

Technical data	
Temperature range	-10 ... +40 °C (EN50131-1 Class II Indoor General)
Connection technology	• Inputs/outputs 10 inputs and 4 outputs Plug-in screw-type terminals • Power supply 2 independent inputs • Ethernet 2x RJ45 connector (shielded) • USB 2.0 3x type A connector • Antenna 1x SMA connector (adapters available) • SD Card microSD Slot • Connectors for detaching the fire alarm LEDs and the corresponding test switches • Plug-in screw-type terminals for the external signaling of the cover contact
Inputs	10 analog inputs (< 15 V DC) Loop supervision and configurable integration time in the range of 200 ms to 30 s
Outputs	4 potential-free outputs Bi-stable relays Switching capacity: 0.5 A/60V DC Insulation voltage: 500 V_{eff}
Housing (optional)	Plastic for wall mounting Fire class: UL94V0 Protection rating: IP30 Dimensions: 190x255x45mm (WxHxD)
Printed circuit board	Eurocard Dimensions: 100x160x29mm (WxHxD)
Network connection	2 independent 10/100 Base-T Ethernet ports
Mobile	mPCIe modem (2G/3G/4G)
Power supply	2 independent and individually monitored power supply inputs (10... 36V DC, 120mA at 12V DC)
USB interface	3 USB 2.0 ports for extensions
PSTN/IP converter	Connection to alarm system with integrated analog telephone dialer. Supported protocols: • Contact-ID • SIA • Basic 4/2 DTMF • Ademco FastFormat Other protocols can be implemented on request.
Remote access	Secured remote access to the alarm system (AS) via a transparent VPN tunnel.

VdS Inspected. Approved. Safe.

More information:
www.sitasys.com
www.evalinklive.com

STANDARDS MET: ISO 9001: SQS certificate | **RoHS/WEEE:** Compatible with RoHS and WEEE guidelines

CERTIFIED: EN54-21:2006 | EN50136-2:2013 | EN50131-10:2014 | VDS 2463:2007-08

SWISS QUALITY
AT ITS BEST

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