TDA1420-4

Alarm dialler communicating via IP

Introduction

All TDA14xx-4 Series diallers are certified as suitable for all Grade 4 systems with an Alarm Transmission System (ATS) configuration up to SP6 for single path.

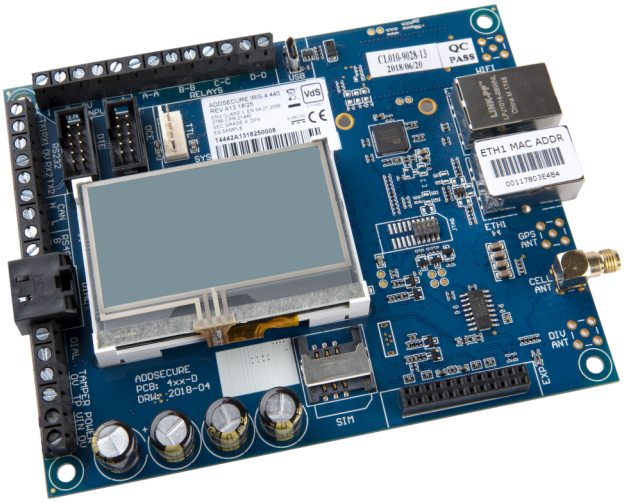
TDA14xx-4 Series is based on the successful TDA14xxNG Series range of AoIP diallers with the same hardware and software used in all diallers; with the same level of security and features provided to military, governments, banks and commercial industry markets.

TDA14xx-4 Series offers a touch screen as standard for configuration, local alerts, and allows diagnostic and tests to be performed by the engineer.

Polling and alarm transmission are performed via the Ethernet for this TDA1420-4 to the monitoring center using the IRIS Secure Apps monitoring software.

All data transferred for polling and alarms is encrypted using the same security key used for authentication.

Communications with the receiver (Polling Engine) uses EN 50136-2 pass-through mode.



Package contents

- Dialler board
- Ethernet cable
- Stylus for touch screen navigation
- RJ11 cable
- 18 kΩ sense resistor for dial capture tamper detection

TDA1420-4

Alarm dialler communicating via IP

Technical specifications

General

Product line	Advisor Advanced, ATS Master

Network

Communicator type	IP

Reporting

Reporting protocols	SIA
Supported receivers	IRIS Secure Apps (Chiron)

Interfaces

Ethernet	RJ-45 10/100/1000 Mbit / s selbstanpassende Ethernet-Schnittstelle
Antenna	Ja, integriert

Input/Output

Inputs	4 standard pins and 12 with add-on daughter board

Electrical

Operating voltage	9 to 28 V DC
Current consumption	153mA at 12 VDC

Physical

Physical dimensions	15 cm x 11 cm
Net weight	300 g
Shipping weight	500 g

Environmental

Operating temperature	−10 to +55°C
Relative humidity	95% max., non-condensing

Regulatory

Compliancy	CE
Certification	EN50131, EN54-21

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 18 June 2026 - 14:58