



# IRIS-4 50

The IRIS-4 50 is a compact, single-path cellular, alarm transmission terminal.

4G based, the IRIS-4 50 is the ideal solution for current cellular network, migrations, and transformations.

Uncompromised security, simplicity, reliability, and flexibility are the 4 pillars on which the success of the IRIS terminals was founded. It goes without saying that the latest member of the IRIS terminal family, the IRIS-4 50, incorporates these key fundamentals.

In addition, the IRIS-4 50, is always fitted with a roaming eSIM for best possible connectivity. This combined with a private APN provides for a secured connection.

The IRIS-4 50 interfaces with almost any existing alarm panel or technical surveillance installation by providing a dial port (emulated PSTN) connection and 2 inputs, 2 outputs and 1 RS232 Serial port.

Through the compact credit card size format, installation in even the smallest alarm panel enclosures is easy. Configuration and commissioning are executed through the IRIS ToolBox software.

**Key features:**

- EN50136 SP5 compliant
- 4G support
- Enclosed and fully protected electronics
- Hassle free installation and fast deployment

**Benefits:**

- Integrated roaming AddSecure LINK eSIM
- Private APN for secured connection
- IRIS uncompromised security, simplicity, reliability, and flexibility



## Technical specifications

### Power supply

Supply voltage	5-28 VDC (max 3m)
Quiescent current	80mA @ 12VDC, 40mA@24VDC
Peak current	1A @ 12V DC

### Cellular

Networks	2G/3G/4G
Frequencies	LTE (4G): 700/800/900/1800/2100/2600 MHz WCDMA (3G): 900/1800/2100 MHz GSM (2G): 900/1800 MHz
Antenna connector	SMA
Fault detection	Loss of registration with network

### Alarm panel interfaces

Dialport capture (emulated PSTN)	2-wire Interface (max 3m)
Dialport supported protocols	SIA (1-3), ContactID, Scancom FastFormat, CESA, Telim and Robofon
PIN inputs	2 (with separate alarm and restore messages, max 3m)
PIN inputs supported protocols	SIA (1-3), ContactID and Fast Format
Relay outputs	2 (max 24VDC, 100mA and max 3m)
Serial interface, RS232	1 basic TX/RX (max 3m)

### Alarm transmission protocol

IRIS AoIP	ARC IRIS Secure Apps receiver
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## Conformance

The IRIS-4 50 complies with the following European Directives and standards:

- 2014/53/EU (Radio Equipment Directive)
- 2002/96/EC (WEEE)
- 2011/65/EC (ROHS)
- No. 1907/2006 (REACH)
- EN 50131-10:2014\*
- EN 50136-2:2013\*
- EN 50136-1:2012/A1:2018\*
- EN 50131-1:2006/A2:2017\*
- EN 50130-5:2011\*
- EN 50130-4:2011/A1:2014

\* Certification pending