



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, 2 inputs, 2 outputs and 1 serial RS232 input.

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

4G



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 Scancom FastFormat
Relay outputs	2 (max 24VDC, 100mA and max 3m)
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