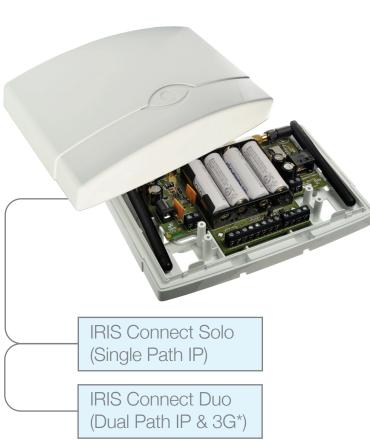


Solo/Duo

The IRIS Connect is a new member of the IRIS dialler range especially designed for the residential sector. Enclosed in an elegant housing, it offers a host of new features without compromising any of the functions available in our high security diallers.





* 4G / CDMA on request

The IRIS Connect is a new and innovative dialler delivering a simple, cost effective solution to alarm transmission, especially designed for SME and residential markets. Chiron's advanced technology offers you a highly relevant and intelligent dialler with the following unique features

- Innovative battery and power design allows the IRIS Connect to operate for >15 hours if mains power fails.
- The dialler uses 4 x AA rechargeable batteries rather than large lead acid batteries and this innovation is made available by the unique processor system designed by Chiron.
- Providing the user with continuous, uninterrupted connection, there is no delay when connecting to Remote Service App, thereby vastly improving upload/download speeds and making the units remotely upgradeable.
- Full VoIP and SIP services available as standard on all units; ideal for voice applications such as audio verification, lift installations and social care.
- Quick and easy to configure using any Wi-Fi/web enabled device to access the multilingual web based configuration screen.
- Notification by text message on Duo model.
- High speed Bus Interfaces allowing faster integration for upload/download, configuration from panel keypad and alarm transmissions.



EN50131-1: 2006 EN50136-1: 2012 EN50136-2: 2013 (Grade 2)



WIFI enabled









Independently certified



Back up monitoring centre capable



Connects to all alarm panels



Alarm plus services



Remote upload/download

IRIS Connect Features	Solo	Duo
Fire retardant enclosure	•	•
NiMH battery backup	>15 hrs	>15 hrs
WiFi	•	•
GPRS	-	•
Dial capture	•	•
Relays	2	2
Pins	2	2
Serial RS485	Selectable	Selectable
Serial TTL	Selectable	Selectable
RS232 (BASIC or FULL)	Selectable	Selectable
Text messaging	_	•
Multi language menus	•	•
/oIP & SIP services	•	•
Option available on request		4G / CDMA
Power Supply		
Supply voltage	9 -17V	DC
Typical idle current (supply at 12V)	78 mA	83 mA
Relays	701117	33 117 (
Relay Outputs - Max. operating voltage	24V DC	24V DC
Relay Outputs - Max. operating voltage	100mA DC	100mA DC
Alarm Transmission	TOUTIA DO	TOOTHA DO
	IRIS Secure Apps or IRIS Management su	ito
nterface to monitoring centre	Two wire interface via RJ45 socket & Terminal Block	
Dial capture interface to alarm panel Pin inputs interface to alarm panel		III ai biock
	Input voltage range 0V to 24V DC	
	'Low' (alarm) threshold <1V	
	'High' (restore) threshold >2V	
	Internal pull-up 10K to 3.3V supply	
Alarm protocols Tamper detection reporting to monitoring centre	SIA (levels 1 to 3)	
	Contact ID	
	Fast format (Scancom) & Robofon	
	Dial capture interface	
	Lid & back tamper	
	Pin inputs	
Fault reporting to monitoring centre	External power supply fail	
	Low battery	
	Transmission interface/path fault	
3G Standard (4G/CDMA optional)		Quad band GSM
, , , , , , , , , , , , , , , , , , , ,		850/900/1800/1900 MHz
Antenna connection		SMA antenna socket
Connection fault detection		Loss of registration
		with network
VIFI Standard	802.11 b/g	
Connection	Antenna SMA	
Connection fault detection	Loss of association/data	
Environmental Environmental		
Operating temperature range	-10°C to 55°C	
Operating humidity range	95% max., non-condensing	
Veights and Dimensions		
Physical dimensions (L x W x D)	11.5 cm x 17.5 cm x 4.5 cm	
PCB weight	400 grams	
Fully packaged weight	600 grams	
Remote Connection	ooo gramo	
Continuous, uninterrupted connection to	Constant Connection for Configuration, Di	agnostics
		ayı 1051105,
nonitoring station allowing	Re-flashing, to Remote Services Apps	
Certification	Crode 0	
EN50131-1:2006 & EN50136-1:2012 EN50136-2:2013	Grade 2	
	Grade 2	



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