

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.



IRIS Connect Solo
(Single Path IP)

IRIS Connect Duo
(Dual Path IP & 3G*)

NG * 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



Battery Backup



Dual path

EN
50131/6

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		●	●
VoIP & 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			
Relay Outputs - Max. operating voltage		24V DC	24V DC
Relay Outputs - Max. operating current		100mA DC	100mA DC
Alarm Transmission			
Interface to monitoring centre		IRIS Secure Apps or IRIS Management suite	
Dial capture interface to alarm panel		Two wire interface via RJ45 socket & Terminal Block	
Pin inputs interface to alarm panel		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		SIA (levels 1 to 3)	
		Contact ID	
		Fast format (Scancom) & Robofon	
Tamper detection reporting to monitoring centre		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	
Antenna connection		850/900/1800/1900 MHz	
Connection fault detection		SMA antenna socket	
		Loss of registration with network	
WIFI	Standard	802.11 b/g	
	Connection	Antenna SMA	
	Connection fault detection	Loss of association/data	
Environmental			
Operating temperature range		-10°C to 55°C	
Operating humidity range		95% max., non-condensing	
Weights 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			
Continuous, uninterrupted connection to monitoring station allowing		Constant Connection for Configuration, Diagnostics, Re-flashing, to Remote Services Apps	
Certification			
EN50131-1:2006 & EN50136-1:2012		Grade 2	
EN50136-2:2013		Grade 2	
		VdS Certified	