

The new and improved Next Generation Series is designed to provide the same secure end-to-end alarm transmission expected from Chiron IRIS AoIP diallers, with the addition of new technology to set the NG diallers in a different realm of innovation.



IRIS Touch 200
(Single Path 3G*)

IRIS Touch 220
(Single Path IP)

IRIS Touch 240
(Dual Path IP & 3G*)

NG * 4G / CDMA on request

The new NG 2●● Series continues to connect to any alarm panel, offering a choice from Grade-2 to Grade-4 signalling options. In addition, the Next Generation diallers now include the following leading edge features:

- Models are built inside a stylish but secure enclosure designed for residential and small business installations.
- Full VoIP and SIP services available as standard on all units; ideal for voice applications such as audio verification, lift installations and social care.
- 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.
- All units feature an improved and highly sensitive, stylish and modern, multilingual touch screen designed for easy deployment.
- Multiple connection interfaces are now included on all models, allowing flexibility and choice when connecting to any alarm panel.
- Notification by text message on 200 & 240 models.
- 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
(ATS-6 Grade 4)



Dual path



Independently certified



Back up monitoring centre capable



Connects to all alarm panels



Alarm plus services



Remote upload/download

IRIS Touch 2●● Features		200	220	240
Fire retardant enclosure		●	●	●
NiMH battery backup		-	-	-
Touch screen		●	●	●
WiFi		-	-	-
Ethernet		-	1	1
GPRS		●	-	●
Dial capture		●	●	●
Relays		3	3	3
Pins		4	4	4
Serial RS485		●	●	●
Serial TTL		●	●	●
RS232 (BASIC or FULL)		BASIC	BASIC	BASIC
CAN bus		-	-	-
Text messaging		●	-	●
Multi language menus		●	●	●
VoIP & SIP services		●	●	●
Option available on request		4G / CDMA		4G / CDMA
Power Supply				
Supply voltage		9 -28V DC		
Typical idle current (supply at 12V)		124 mA	138 mA	140 mA
Relays				
Relay Outputs - Max. operating voltage		24V DC	24V DC	24V DC
Relay Outputs - Max. operating current rating		100mA DC	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 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 (Scanco)		
		Robofon		
Tamper detection reporting to monitoring centre		Dial capture interface		
		Lid & back tamper		
		Pin inputs		
Fault reporting to monitoring centre		Transmission interface/path fault		
Transmission Paths				
Ethernet	Standard	-	UTP 10/100 Base T with auto-negotiation	
	Connection	-	RJ45 socket for CAT5 cabling	
	IP addressing	-	Dynamic (DHCP) or fixed	
	Connection fault detection	-	Loss of Ethernet synchronisation	
3G Standard (4G/CDMA optional)	Antenna connection	Quad band GSM 850/900/1800/1900 MHz	-	Quad band GSM 850/900/1800/1900 MHz
	Connection fault detection	SMA antenna socket	-	SMA antenna socket
		Loss of registration with network	-	Loss of registration with network
Environmental				
Operating temperature range		-10°C to 55°C		
Operating humidity range		95% max., non-condensing		
Weight and Dimensions				
Physical dimensions (L x W x D)		19 cm x 13 cm x 4cm		
PCB weight		550 grams		
Fully packaged weight		750 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, 3 and 4		
EN50136-2:2013		Grade 2, 3 and 4		
		VdS Certified		