

Description

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.





panel

FDSMART400 Touch Diallers-Dual path back up via GPRS, PSTN or GSM

TELEDATA Secure

Monitoring Center

Technology and design

The new continues to be suitable for use in existing enclosures and connects to any alarm panel, offering a highly flexible choice from Grade-2 to Grade-4 signalling options. In addition, the Next Generation diallers now include the following leading edge features:

- Dual Ethernet connections allow you to include video feed from CCTV systems.
- Full VoIP and SIP services available as standard on all units; ideal for voice applications such as audio verification, lift Installations and social care.
- Industrial standard interface for HVAC and home automation; allowing the possibility of the installed alarm system being integrated with cutting edge building management and control systems.
- 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 400 & 440 models.
- High speed Bus Interfaces allowing faster integration for upload/download, configuration from panel keypad and alarm transmissions.
- Expansion boards available offering pin inputs or pin inputs and PSTN dial out.



FDSMART Touch Features

Second Part			FDSMART400	FDSMART420	FDSMART440	
Series	Touch screen	1	✓	✓	✓	
Selegy	Ethernet		-	2	2	
A	GPRS		✓	-	✓	
	Dial capture		✓	✓	√	
Serial RS485	Relays		4	4	4	
Serial TILRS2S2 (BASIC or FULL) AND INS Fext messaging A	Pins		4 st	andard + 12 with add-on daughter	board	
CAN bus	Serial RS485		✓	✓	✓	
Fext messaging	Serial TTLRS2	232 (BASIC or FULL)	<u>'</u>	1 x FULL o 2 x BASIC		
### ACA and Home Automation interface ### ACA and Home Automatical	CAN bus		✓	✓	✓	
Vol R & SIP services	Text messagi	ng	✓	✓	✓	
AVAC and Home Automation interface Option available on request 4G/CDMA 5ISI mA 5	Multi languag	ie menus	✓	√	✓	
Digition available on request 4G/CDMA 4G	VoIP & SIP se	rvices	✓	√	✓	
Supply voltage 9 28V DC	HVAC and Ho	ome Automation interface	✓	√	✓	
Supply voltage	Option availa	ble on request	4G/CDMA		4G/CDMA	
Projectal idile current (supply at 12V) 151 mA 151 mA 153 mA Relays Relay Outputs - Max. operating voltage 24V DC 100mA D	Power Suppl	у	I			
Relay Outputs - Max. operating voltage 24V DC 100mA	Supply voltage		9 28V DC			
Relay Outputs - Max. operating voltage 24V DC 24V DC 24V DC 100mA	Typical idle current (supply at 12V)		151 mA	151 mA	153 mA	
Relay Outputs - Max. operating current rating 100mA DC 10	Relays					
Alarm Transmission Interface to monitoring centre IRIS Secure Apps or IRIS Management suite Two wire interface via RJ45 socket & Terminal Block Input voltage range 0V to 24V DC Low' (alarm) threshold <iv (restore)="" high'="" threshold="">2V Internal pull-up 10K to 3.3V supply Alarm protocols Alarm protocols Alarm protocols Tamper detection reporting to monitoring centre Fast format (Scancom) Fast format (Scancom) Fault reporting to monitoring centre Fault reporting to monitoring centre Transmission Paths Ethernet Standard Connection IP addressing Connection Fast format (Scancom) Transmission interface/path fault Fransmission Paths Ethernet Standard Connection Paddressing Connection Alarm protocols IRIS Secure Apps or IRIS Management suite Input voltage range 0V to 24V DC Low' (alarm) threshold <iv (restore)="" (scancom)="" <iv="" fa<="" fast="" format="" high'="" td="" threshold=""><td colspan="2">Relay Outputs - Max. operating voltage</td><td>24V DC</td><td>24V DC</td><td>24V DC</td></iv></iv>	Relay Outputs - Max. operating voltage		24V DC	24V DC	24V DC	
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		Antenna connection	SMA antenna socket	-	SMA antenna socket	
		Connection fault detection			Loss of registration with network	



FDSMART Touch Features

	FDSMART400	FDSMART420	FDSMART440
Environmental		-	
Operating temperature range	-10°C to 55°C		
Operating humidity range	95% max., non-condensing		
Weight and dimensions			
Physical dimensions	15 cm x 11 cm		
PCB weight	300 grams		
Fully packaged weight	500 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		
EN54EN50136-2:2013	Grado 2, 3 e 4		
EN54-21CPR	✓	✓ ·	✓
	Certificazione VdS		