



SK-HUB

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The SK-HUB is a single, multi-purpose device specifically designed to easily connect your wireless readers with the NOVA.16. It may also be tasked to act as a bridge to connect 2 NOVA.16s with no Ethernet connection or to act as a wireless signal repeater to extend the range of the wireless readers. The SK-HUB enables enormous flexibility in the planning process and reduces costs significantly in the installation process.

### SK-HUB

- Powered directly from the NOVA.16, no external power required
- Auto configuration
- Weather resistant NEMA housing for Indoor/Outdoor application
- LED indicators (for power, communications, activity)
- Can be connected up to 4000' from the NOVA.16 anywhere on the 485 Network
- 1 HUB for up to 16 wireless Smart Readers
- Field configurable as:
  - HUB** Connects NOVA.16 and up to 16 readers
  - Bridge** Connects 2 NOVA.16s with no Ethernet connection
  - Repeater** Extends wireless signal range
- Enables enormous flexibility in installation process

### Use with: e\*Tag® Wireless Smart Readers

- AES encryption ensures secure data delivery
- Data communications from the NOVA.16 controller
- 1000' line of sight
- Connect to the NOVA.16 Controller via a proprietary wireless protocol
- Send card data to the NOVA.16 Controller and receive access granted, access denied and output control commands from the NOVA.16 Controller
- Designed to withstand extreme environmental conditions
- Smart Readers have an on-board solid-state relay plus 4 inputs and 2 open collector outputs
- All door connectivity (Strike, Latch, REX, Door Monitor, Aux Inputs and Outputs) is at the Smart Reader
- On board gas discharge suppressors for extreme weather considerations
- Utilizes easy to learn and use SK-NET Software

### SK-MRCP (16-door panel)

- Each panel handles up to 16 Smart Readers (SR)
- Efficient Architecture using RS485 Hi-Speed peripheral network
- Built in Ethernet connection
- 4000' total distance
- Continual Monitoring of backup battery status

### e\*Tag® (HF) Cards and Keytags

- Meets the ISO 15693 International Standard
- DES encryption
- 13.56MHz Contactless Smart Cards and Keytags encoded in 26 or 32 bit formats
- Memory range from 2K to 10k bits
- Custom 4-color graphics available
- ISO cards available with glossy white for dye-sublimation and in-house photo-id printing

DESCRIPTION	RADIO HUB TO CONNECT WIRELESS READER OR KEYPAD READER TO NOVA.16		
Part Number	SK-HUB		
SPECIFICATIONS			
Radio Frequency	915MHz		
Radio Range	1000' (line of sight)		
Data Encryption	AES		
Style	Enclosed NEMA Housing		
Color	Grey with clear top		
Dimensions	14.61 x 6.67 x 4.13 cm (5.75" x 2.625" x 1.625")		
LED 1 (Single Color)	RF Active = RED		
LED 2 (Single Color)	Power = GREEN		
LED 3 (Tri-Color)	Link (Connection) = BLUE	Receive = GREEN	Transmit = RED
Power	In <b>Hub</b> and <b>Bridge</b> mode: Power comes from the NOVA.16 Control Panel In <b>Repeater</b> mode: 14VDC @ 500mA Power Supply		
Operating Temperature (Range)	-40 to +70 C (-40 to +158 F)		
Relative Humidity (Range)	0 - 100% Non-Condensing		
Indoor/Outdoor Applications	Electronics completely potted for extreme weather considerations		
Certifications	FCC • UL • CE Mark • Canada Radio		
SK-HUB Modes	<b>P1</b>	<b>P2</b>	Connection to
HUB	off	off	Nova 16 with 4 conductor cable
BRIDGE	on	off	
REPEATER	off	on	Power outlet with 2 conductor cable
USE SK-HUB WITH:			
Panel	SK-MRCP (NOVA.16)		
Limited Warranty	Secura Key products are warranted against defects in materials and assembly for three (3) years. In the event that any Secura Key product fails to perform as intended during the warranty period, Secura Key will replace the defective product with a new or refurbished product. This is subject to the equipment being installed in accordance with the instructions and used appropriately in suitable conditions. <b>The warranty period begins on the date of shipment from our factory or if sold through Distribution on the date of sale (original receipt or documentation is required).</b> This warranty does not include the cost of taxes, duties or installation expenses.		

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