CYPRESS

SPX-5000 Series

Specifications

Suprex® Reader Extender - RF Wireless Interface

SPX-5601
2.4GHz

SPX-5651
2.4GHz
Repeater

SPX-5521
900 Mhz

EXP-2000

SPX-5000_SS 090111

Cypress Suprex SPX-5000 Series Overview

This manual covers the operation and setup of the Cypress Suprex RF SPX-5000 series wireless units.

Overview:

The SPX-5000 series of RF Wireless solutions provides a wireless bridge from Card Readers with gates or door hardware to most access control manufacturers panels. The SPX or Suprex products typically include both the remote (Door/Gate) unit and the central (AC Panel) unit. In the case of the SPX-5000 series of wireless products optional repeaters / extenders are also available.

Features:

-- Includes complete solution with remote (reader/gate/door) and central (panel) interface.
-- Service mode for setup and configuration.
--"Quiet" protocol to conserve bandwidth and power
-- Field configurable reader formats
-- Multifunction indicator for determining operational status of the unit
-- Auxiliary I/O connections available for Door/Gate/Panel status signaling.
-- Multiplexing of RF bridge providing for additional door/gate on a single RF link.
-- Economical expansion capabilities using Suprex Lynk technology

RF Specifications:

2.4GHz or 900Mhz frequency
AES Encryption upon request

Part Numbers:

SPX-5501	900 Mhz - extender 1000 ft range	SPX-5601	2.4GHz - extender 1000 ft range
SPX-5521	900 Mhz - extender 10000 ft range	SPX-5621	2.4GHz - extender 10000 ft range
SPX-5551	900 Mhz - repeater 1000 ft range	SPX-5651	2.4GHz - repeater 1000 ft range

Electrical and Mechanical Specifications

Physical	SPX-5XXX - Weatherproof Enclosure 6.75" x 3.75" x 2.00" (Each unit)	
Temp	Storage(-55˚C to + 150˚C) Operating(-40˚C to +80˚C)	
Humidity	95% (non-condensing)	
Power	Input	Unreg Input 8 to 16 VDC* @ 300mA Max
	Output	+5VDC @100mA
Data I/O	Interface	Reader -Wiegand, Strobed (Clock & Data), LED - 0 - 30V

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