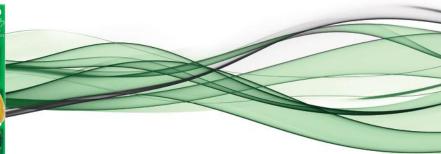
# Spectra SP Series 4 to 32-Zone Expandable Security Systems







# Description

Spectra SP control panels (SP4000, SP5500, SP6000, SP65, and SP7000) offer a combination of innovative features and an advanced communication bus for a uniquely expandable security system. Through its communication bus, all Spectra SP panels can be expanded via wireless and hardwired expansion modules and a variety of accessory modules. With their in-field firmware upgrade capability, the Spectra SP series allows installers to upgrade their system without hassle - quickly, easily, and on-site. To further facilitate installation, every Spectra SP panel can be configured using easy-to-follow, menu-driven programming.

Spectra SP also features multipath communication; this enables your system to communicate through multiple channels, including telephony with its built-in landline dialer, IP with the IP150 Internet Module, IP/GPRS/GSM with the PCS series module, and voice with the VDMP3 Plug-In Voice Module.

With its reliable communication technology, flexible expansion and user-friendly keypads, Spectra SP is the complete residential or commercial security solution.

#### **Features**

- Supports StayD mode
- 4-wire expansion bus
- Wireless expansion (via RTX3 / RX1)
- Expandable to 32 zones
- Expandable to 16 PGMs
- 2 partitions
- 32 user codes
- Supports PCS series modules
- Supports IP150 Internet Module
- Supports VDMP3 Plug-in Voice Module
- Supports REM3 Hand-held Remote Keypad
- · Supports SR150 Wireless Siren
- Landline dialer (except SP65)
- · In-field firmware upgradable



# System Overview

#### **Control Panels**



#### SP65

SP65: 9 to 32-Zone Control Panel SP4000: 4 to 32-Zone Control Panel SP5500: 5 to 32-Zone Control Panel SP6000: 8 to 32-Zone Control Panel SP7000: 16 to 32-Zone Control Panel

Video Monitoring



HD88: Outdoor 720p HD Camera HD78F: Event-Driven Indoor Security IP Camera /

Detector

HD88

#### **Expansion Modules**



ZX82: 8-Zone Expansion Module
ZX8SP: 8-Zone Expansion Module
ZX8: 8-Zone Expansion Module
PGM82: 8-PGM Expansion Module
PGM4: 4-PGM Expansion Module
RTX3: Wireless Expansion Module

RX1: Wireless Receiver

#### **Communicator Modules**



PCS265LTE: LTE / 4G / 3G / 2G / GSM

Communicator Module

PCS250 / G: GPRS / GSM

Communicator Module IP Communicator

PCS265LTE VDMP3: Plug-In Voice Module

IP150.

#### **Software & Accessories**



Insite

**GOLD** 

Insite GOLD: Mobile App

PS25: 2.8A Supervised Power

Supply

PS45: 5A Supervised Bus

Power Supply 2 Port HUB

HUB2: 2 Port HUB PMC5: Memory Key

InField:

307USB: Direct Connect Interface BabyWare: PC Software

Firmware Upgrade

Software

#### Wired Keypads



TM70

TM70: Intuitive Touchscreen TM50: Intuitive Touchscreen

K32LX: Wired LCD Keypad with Integrated RF

Transceiver

K32LCD+: 32-Character Wired LCD Keypad ModuleK35: 32-Zone Wired Fixed LCD Keypad ModuleK32+: 32-Zone Wired LED Keypad Module

K10V: 10-Zone Wired LED KeypadK10H: 10-Zone Wired LED KeypadK636: 10-Zone LED Keypad Module

#### Wireless Keypads and Remotes



32-Zone Wireless Fixed LCD Keypad K37: REM3: Hand-Held Two-Way Remote Control Keypad 2-Way Remote Control with Backlit Buttons REM25: REM2: 2-Way Remote Control with Backlit Buttons REM1: Remote Control with Backlit Buttons REM15: Remote Control with Backlit Buttons REM101: Emergency / Panic Remote Control Remote Control with Integrated Access Card RAC1:

K37

PMD85

#### Wireless Devices

PMD85: Wireless Outdoor Digital Dual-Optic

High-Performance PIR

PMD75: Wireless Digital Dual-Optic

High-Performance PIR

PMD2P: Wireless PIR Motion Detector with Built-in

Pet Immunity

NV75MR: Wireless 16M Dual Mironel Optics Pet

Immune Anti-Mask Detector

NV35MR: Wireless Outdoor / Indoor Window and

Sliding Door Dual Detector with Anti-Masking and Pet Immunity

NV780MR: Wireless Dual Side-View Outdoor Detectors

with Anti-Masking and Pet Immunity

DCT6: Wireless Door Contact

DCT10: Wireless 2-Zone Long-Range Door Contact

DCTXP2: 2-Zone Wireless Door Contact
DCT2: Wireless Ultra-Small Door Contact
G550: Wireless Glass Break Detector
GS250: Gpower Wireless Multi-axis Detector
SD360: Wireless Ceiling-Mounted Smoke Detector

SR130: Wireless Outdoor Siren with Built-in

Strobe Light

SR150: Wireless Outdoor Siren with Built-in

Strobe Light

RPT1: Wireless Repeater Module 2WPGM: 2-Way Wireless PGM

For compatibility details, visit us at paradox.com

#### Feature Details



# Internet Communication (IP150)

The IP150 Internet Module allows you to control and monitor your security system remotely through any web browser. It allows for email notifications of important system events such as alarms, arm/disarm events, and troubles. For example, receive an email at work when your kids get back from school. Also, view the live status of your system and arm/disarm it. For instance, you have just left your office for the weekend but are unsure whether you armed the system. Simply check the status of your system from a laptop and arm it.



# Wireless Communication (PCS Series)

The PCS series modules provide the Spectra SP control panels with wireless communication capabilities to report system events via IP, GPRS, and/or GSM. Whether it be uploading/downloading via IP or GPRS, receiving system status and events by voice or text message, or reporting to the monitoring station via IP, GPRS, or GSM, the PCS series enhances the communication capabilities of any Spectra SP installation.



# Voice Communication (VDMP3)

The VDMP3 is a plug-in, voice-assisted module that can be programmed to call up to five telephone numbers in the event of an alarm. For example, when an alarm occurs at your store during off-hours, every employee can receive notification via telephone. You can also call the VDMP3 from an outside line, enabling you to arm or disarm the system as well as activate PGMs. The VDMP3 essentially turns any outside telephone into a keypad. The VDMP3 is easy to install; plug it in directly onto the panel, set the phone numbers, and select the activation event.



## StayD

StayD resolves all issues with common security systems and represents the only solution for secure living. The revolutionary StayD feature represents a completely reversed philosophy compared to all other security systems made today. Traditional systems share the same principle - in order to provide security, users must remember to arm the system; otherwise the system is disarmed and does not provide security. A StayD system is always armed, and needs only to be partly disarmed when an entry or exit is needed. With StayD, you can truly have peace of mind knowing, that you are always protected.



## In-field Upgradable

Spectra SP is not only easy to install, but is also fully in-field upgradable, allowing for simple on-site updates. The process is effortless; connect the PC to the panel and you are a few clicks away from performing a complete system upgrade within minutes. No need to change panels or hardware; all the updates are performed using Paradox's InField Firmware Upgrade Software.



## App-based System Control

The Insite GOLD app enables you to remotely access your Paradox security system and view your system cameras. Insite GOLD provides lots of functionality and information at one's fingertip. It has an intuitive user-interface which enables you to easily connect to your security system and edit settings. Now you can control your Paradox security system from any Android / iOS smartphone.

#### TM70 Overview



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TM70: Intuitive Touchscreen

17.7 cm

## SpotOn Locator™

Upload photos, images, or schematics to eliminate the need for deciphering LED zone lights. These images display any door, window, or motion detector that are active. Since the images are uploaded by the user, they are truly customized, and can be unique to each installation. SpotOn Locator™ is integrated in the original firmware, and when purchased, is unlocked with an authorization code.

# ■ OneScreen Monitoring<sup>™</sup>

Provides a real-time visual display of the system's status on one screen. It allows the user to choose which partitions will be displayed showing arming level, alarm, ready, and troubles. It also displays zone statuses; open, close, bypass, alarm, and tamper. OneScreen Monitoring™ also features Solo Test™ mode, which allows installers and users to easily test all system zone's via the TM70 Touch's screen. OneScreen Monitoring™ is integrated in the original firmware, and when purchased, is unlocked with an authorization code.

# Specifications

Display	16-bit, color LCD; 8.6 x 15.4 cm (3.1 x 5.9 in.), 800 x 480 pixels
Input Voltage	9 to 15 Vdc
Current Consumption	250 mA at max brightness + 80 mA sounder
Keypad Zone Input	1 for a detector or external temperature sensor
Tamper	Built-in, cover and wall
Humidity	5 to 90%
Operating Temperature	-10 to 55 °C (14 to 131 °F)
Compatibility	Swan, EVO, Spectra, Magellan

Note: All control panel outputs are rated to operate between 11.4 Vdc and 12.5 Vdc.