SMART CONTROL
RUNS IN THE FAMILY

The Honeywell Spyder™ family of building controllers

Honeywell

PROVEN CONTROL
KEEPS GETTING SMARTER

Pick the capabilities you need for efficient engineering, integration, energy savings, and control. From scalable unitary controllers that optimize energy use across applications to compact models that fit virtually anywhere, the growing family of Spyder controllers proves that nothing succeeds like control.

THE SPYDER FAMILY

Freely programmable with WEBs Niagara for an extensive range of devices

Support for multiple network protocols across building automation

Smart tools and capabilities to simplify every step from installation and commissioning to programming, configuration, and control

Versatile product offerings cover Unitary, VAV, and general equipment control applications

SPYDER MODEL 5
Fast and flexible

Cut energy costs and drive new levels of functionality and efficiency with this all-on-one unitary controller. It delivers flexible, freely programmable, demand-led control that scales to meet the needs of any application.

These BACnet MS/TP-based unitary controllers also offer fast download speeds, smart engineering and commissioning tools, Sylk wiring capabilities, Modbus integration, and highly adaptable programming for diverse configurations – including complex applications with high I/O counts.

SPYDER MODEL 5 VAV
Even the smallest spaces

This highly compact controller is made to quickly fit tight spaces and small enclosures, giving you greater engineering efficiency and more consistent experiences for both operators and occupants.

Using a single Niagara enginneering tool, you can rely on one common platform to design and manage your system, from the room to supervisor. Its high-accuracy airflow sensor and flexible on-board I/O also means this controller can serve an extensive range of applications to help you simplify controller stocking. The included Migration Tool allows for fast conversion of Spyder Classic programs reducing installation time.

SPYDER CLASSIC
Proven control

It's hard to beat the classics. Our original Spyder controllers are as powerful and versatile as ever, offering tried and true capabilities in in a number of I/O and Communication options.

Spyder Classic is where smarter control and agile engineering began, with time-saving features like removable terminal blocks and color-coded I/O labeling for easier wiring and troubleshooting.

EXTEND CONTROL
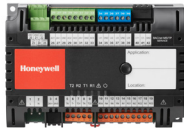## TO EVERY EDGE

ZIO™ TR120 TOUCHSCREEN WALL MODULE

This color touchscreen module is an ideal complement to Spyder controllers. With our polarity-insensitive Sylk bus, you can supply power, data, and daisy-chain capabilities with no risk of miswiring.

The TR120 can sense temperature, humidity, or both. You can also access nearly any point in the system, and manage a wide range of functions, such as: basic HVAC-parameter and scheduling details; temperature and humidity control; fan speed; and scheduling.

A SPYDER FOR EVERY WEBS NEED

Find the optimal Spyder controller for all your WEBs applications.

SPYDER CONTROLLERS - AT A GLANCE						I/O				
Controllers	OS Number	Live Programming	Application Cloning	Memory Capacity	Integrated Actuator	UI	DI	AO	DO	Communication Protocol
Spyder Model 5 VAV	WEB-VA423B24N	✓	✓	4 Mb	✓	4	0	2	3 (SSR)	BACnet MS/TP
Spyder Model 5 Unitary	WEB-RS5N	✓	✓	4 Mb		4	0	4	2 Triac, 4 Relay	BACnet MS/TP and Modbus
	WEB-RL6N	✓	✓	4 Mb		10	0	6	4 Triac, 4 Relay	BACnet MS/TP and Modbus
Spyder Classic	PVX-4022AS			372 Kb	✓	4	0	2	2 Triac	BACnet MS/TP or LON
	PUx-6438S			373 Kb		6	4	3	8 Triac	BACnet MS/TP or LON
	PUx-6438SR			374 Kb		6	4	3	8 Relay	BACnet MS/TP or LON
	PUx-1012S			375 Kb		1	0	1	2 Triac	BACnet MS/TP or LON
	PUx-4024S			376 Kb		2	0	2	4 Triac	BACnet MS/TP or LON

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