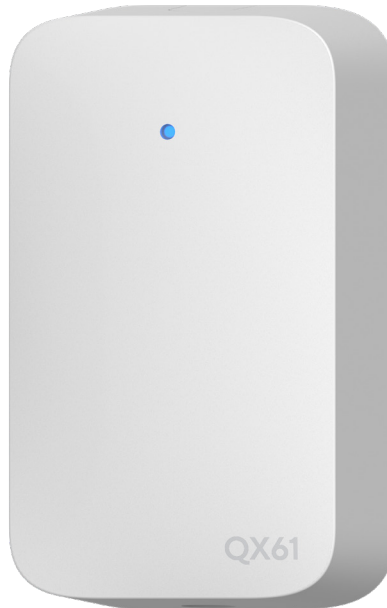


QX61

BSP RS-485 Adapter

NEW ALARMS



Overview

The QX61 acts as an interface between an RS-485 port on a Verkada alarm panel and a Better Sensor Protocol (BSP) addressable sensor run, allowing the alarm panel to use BSP addressable sensors. The QX61 is supported on the BP52 and the BP42. Any device that uses the BSP protocol, such as the QX51 sensor adapter or QM11-R motion sensor, can be connected downstream of a QX61.

Unlike legacy polling loops, BSP enables frictionless setup with automatic discovery and ordering of devices on the run. BSP also enables cloud-based management of devices, so that users can view live and historical sensor activity, set up alerts for offline sensors, and benefit from automatic firmware updates.

Key features

Efficient site coverage

- Deploy up to 200 door sensors or up to 50 powered motion sensors on a single BSP run
- Connect powered sensors without an external DC supply

Easy configuration

- The alarm panel auto-discovers all connected BSP devices
- BSP devices auto-populate in the correct order in Command

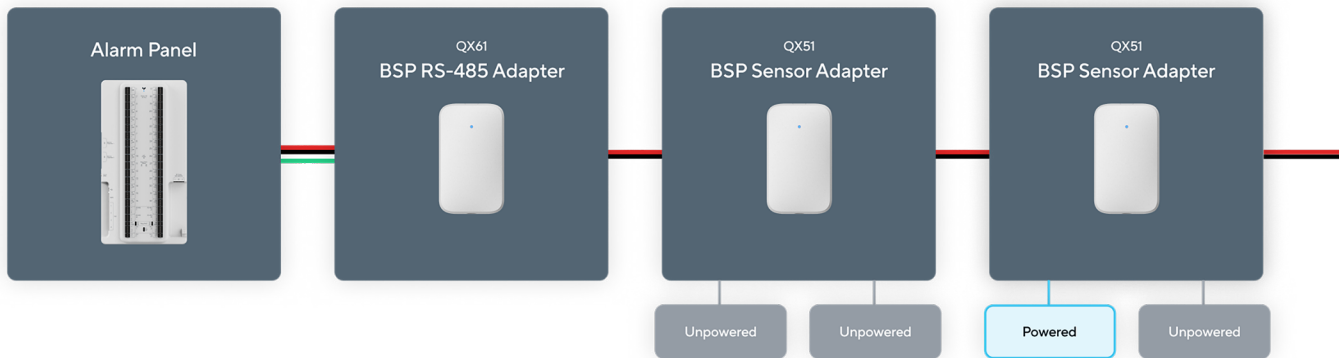
Cloud-managed

- Remote visibility of live and historical sensor activity
- Automatic health checks every minute, with real-time online/offline alerts



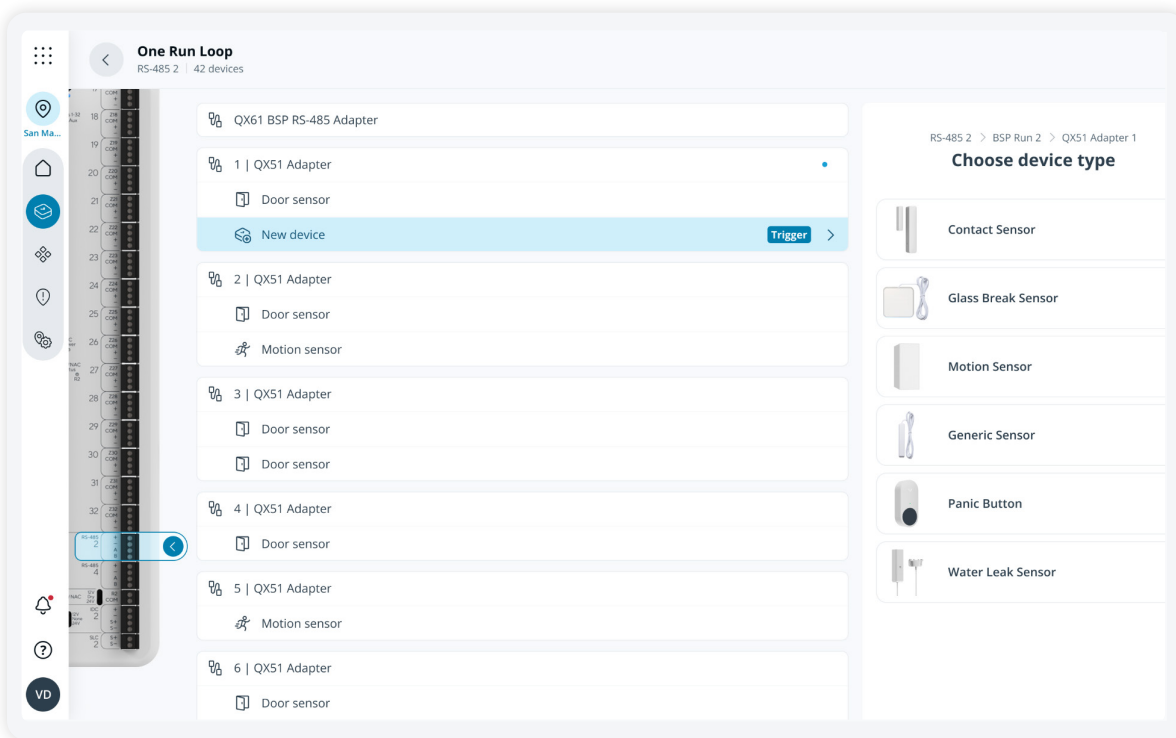
Easy takeover of existing systems

Organizations can easily replace legacy addressable modules with QX51 sensor adapters and connect the BSP run to a Verkada alarm panel via the QX61. Please use the [BSP calculator](#) to design and validate a BSP run prior to installation.



Frictionless setup flow

Unlike legacy addressable systems, the BSP protocol streamlines setup with automatic device discovery and ordering. The alarm panel recognizes any connected BSP devices, adds them to Command, and displays them in the correct order. From there, installers can easily configure the attached sensors, which light up in the UI when triggered.





QX61

Tech specs

Power and network

Power consumption	14W max	Uplink	RS485 input
Power input	10-36V DC (via RS485 input)		

Inputs and outputs

BSP	1x BSP output	Aux power	
Alarm inputs		Tamper detection	Yes

General

Dimensions (with enclosure)	Height: 3.1in / 8.0cm Width: 1.9in / 4.7cm Depth: 1.2in / 3.1cm	Operating temperature and humidity	14 to 122° F /-10 to 50° C 5-85% RH non-condensing
Weight	3.1oz /87g	Warranty	10 years
Certifications	FCC Part 15B Class B, ICES-003 Class B, CE, UKCA, VCCI, RCM, IK07		

Installation

Included accessories	Mount plate, T10 security torx L-key, 2x wall screws, 2x wall anchors	Mounting options	Wall, ceiling, or junction box
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Ordering information

BSP RS-485 Adapter

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
QX61-HW	BSP RS-485 Adapter	\$199	\$199