BX21

Wireless Relay

Power third–party sirens, strobes, and other wired alarm signaling devices and configure them as automated alarm responses to deter intruders or alert nearby individuals. The BX21 Wireless Relay provides greater flexibility to deploy signaling devices wherever they're needed, and is a lighter–weight alternative to a wired alarm panel.

Automatically trigger alarm outputs

- Wire 12–24VDC sirens, strobes, or other signaling devices to the output of the relay for a fully–customized intrusion response, supporting a maximum of 30W output power
- Output will automatically activate if an alarm is raised

Cloud-managed for easy set up

- Pairs automatically with the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub
- Easily set up and manage settings in Command
- Monitor device status and recent events, even on the go

Flexible deployments

- Integrates with third-party wired devices
- Wireless connectivity for flexible deployments
- Lightweight alternative to alarm panel for one-off inputs or outputs

Built to last

- Covered by our industry-leading 10-year warranty
- Automatic firmware updates keep systems secure

BX21 recommended third-party power supplies

- 12 VDC, 36W
- 24 VDC, 24W

BX21 recommended third-party signaling devices

Siren:
- 20 Watt Dual Tone Siren
- 30 Watt Dual Tone Siren

Strobe:
- 12 VDC Strobe
- 12-24 VDC Strobe

Siren/Strobe:
- 12 VDC Siren/Strobe
- 10-24 VDC Siren/Strobe

BX21 Wireless Relay
Tech Specs

BX21

Power and network

Power Consumption	30W maximum	**Wireless Communication**	Proprietary 915 MHz (US, Canada) / 868 MHz (UK, Europe) / 916.8 MHz (ANZ)
DC Power Input	12-24VDC	**Connectivity**	Connects to the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub

Relay features

Inputs	Wired signal input (optional)	**Relay Outputs**	1 wet relay Relay output voltage = relay input voltage, e.g. 12VDC input, 12VDC output 2.5A max; 24VDC input, 24VDC output 1.25A max
Wireless Range	305m / 1,000ft (line–of–sight) 61m / 200ft (typical environment)	**Relay Durability**	100,000 cycles at max load

General

Dimensions	Length: 119.6mm / 7.86in Width: 44mm / 1.73in Height: 30.30mm / 1.19in	**Operating Temperature**	0°C to 50°C / 32°F to 122°F; 0-90% humidity (non-condensing)
Weight	226g / 8oz	**LED Indicator**	Wireless communication status
Certifications	FCC, IC, CE, UKCA, RCM, IFETEL, NDAA	**Warranty**	10 years

Installation

Included Accessories	1x T10 torx wrench	**Mounting Options**	1x VHB adhesive strip, 2x wallanchors and screws

Ordering Information

BX21 Wireless Relay pricing

Model Number	Description	Cost (MSRP) USD
BX21-HW	BX21 Wireless Relay	$99

LIC-BB Basic Alarm License pricing*
Includes alarm monitoring with no video verification

LIC-BB-1Y	1-Year Basic Alarm License	$600
LIC-BB-3Y	3-Year Basic Alarm License	$1,800
LIC-BB-5Y	5-Year Basic Alarm License	$3,000
LIC-BB-10Y	10-Year Basic Alarm License	$6,000

LIC-BA Standard Alarm License pricing*
Includes professional monitoring with video verification, up to 100 events/month

LIC-BA-1Y	1-Year Standard Alarm License	$1,500
LIC-BA-3Y	3-Year Standard Alarm License	$4,500
LIC-BA-5Y	5-Year Standard Alarm License	$7,500
LIC-BA-10Y	10-Year Standard Alarm License	$15,000

LIC-BV Premium Alarm License pricing*
Includes professional monitoring with video verification, up to 1,000 events/month

LIC-BV-1Y	1-Year Premium Alarm License	$12,000
LIC-BV-3Y	3-Year Premium Alarm License	$36,000
LIC-BV-5Y	5-Year Premium Alarm License	$60,000
LIC-BV-10Y	10-Year Premium Alarm License	$120,000

*One Alarm License needed per physical address; required to operate all Verkada Alarms hardware.