Technical Specifications



Beacon Retrofits

V-BBR Bluetooth Beacon Retrofit

- Bluetooth Low Energy beacon for V-Guardian Alert
- Provides location information to the V-Guardian Alert Badge
- For compatible VL520, VL522 and VL550 sign speakers
- Powered directly by the host sign speaker
- Internal adhesive mounting; LED power-on indicator
- UL listed

Description:

The V-BBR Bluetooth Beacon Retrofit adds a Bluetooth Low Energy beacon to compatible Valcom IP Text Signs with Speaker and Flashers. It works with the V-Guardian Alert system to provide location information to the V-Guardian Alert Badge.

SPECIFICATIONS

COMPATIBILITY
VL520, VL522 and VL550 "-FC" signs. Verify older units. Remove any Threat Level Indicator (TLI) before use.

MOUNTING
Internal adhesive mounting preserves sign appearance; 6-pin harness connection.

POWER AND SIGNAL
Host sign speaker supplies power. 19 in power/signal cable and LED power-on indicator.

CONSTRUCTION AND LISTING
Circuit board; double-sided adhesive pad; removable pre-attached harness.

DIMENSIONS AND WEIGHT
1.38 in H × 1.75 in W × 0.50 in D
(3.5 cm H × 4.4 cm W × 1.3 cm D)
Weight: 0.9 oz (25 g)

OLDER SIGN COMPATIBILITY
VL520 SA-VIP855-0: incompatible.
VL520 SA-VIP855-1P0: physically verify the wiring connector is present before use.

ARCHITECTS AND ENGINEERS

The V-BBR Bluetooth Low Energy retrofit beacon shall provide location information to V-Guardian Alert Badges when installed in compatible Valcom VL520, VL522 or VL550 signs.

The UL listed beacon shall use internal adhesive mounting, sign-supplied power, a 19 in harness, a 6-pin connection and an LED power-on indicator.

The maximum dimensions shall be 1.38 in H × 1.75 in W × 0.50 in D (3.5 cm × 4.4 cm × 1.3 cm). Weight shall be approximately 0.9 oz (25 g).

Warranty information may be found on our website at www.valcom.com/warranty.

2026 Rev 1.0