OmniBeacon
Cellular Alarm Light

The OmniSite OmniBeacon is perfect for any application that requires an alarm light. It is an affordable and reliable monitoring solution that includes data logging and web-based access. Unlike traditional alarm lights, the OmniBeacon delivers real-time alert notifications. While created to monitor pump stations, our customers utilize the OmniBeacon's simple and effective design on diverse applications.

Applications

The OmniSite OmniBeacon is applicable to lift stations, pump stations, treatment plants, plus other applications in need of an alarm light. It proves that regulation compliance doesn't have to cost big bucks. This Combination Visual Alarm Beacon and Cellular Transmitter will text, call, or email you if an alarm condition is detected. Plus it can be installed in about an hour or two, requiring only basic wiring knowledge. The OmniBeacon includes OmniSite's "plug and play" GuardDog web interface, which eliminates the need for custom programming.

Features

• Super Bright LEDs and an 85dB annunciator ensure you can see and hear any alarms in addition to receiving voice, text, and email notifications.
• Direct Text messaging backup allows you to still receive alerts if OmniSite's server is unavailable for any reason.

• NEMA 4x equivalent rating for direct mounting indoors or outdoors
• Complete install and setup in about an hour with a 6 ft. field wiring harness for easy electrical connection
• Comes with the OmniSite Modular Radio (OSMR)

Order Information

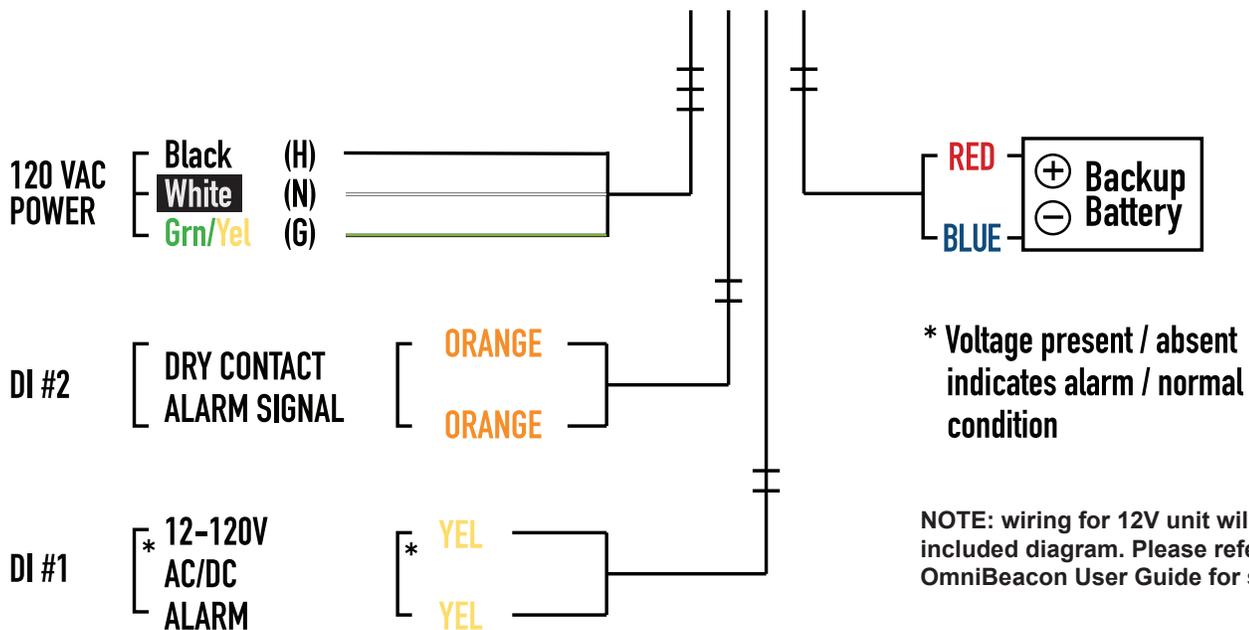**Part Number: U-OB**   See page 32 for optional device modifications.

Specifications

Dual Input Alarm Channels	(1) 12VAC/VDC – 120 VAC/VDC, opto-isolated to 1500VAC input and (1) Dry Contact Input
Alarm Light LED/State	Super bright LEDs, long-life / pulses LEDs at 3Hz, selectable for Inputs #1 and #2
Cellular Radio	4G LTE CAT-1
Certifications	FCC Parts 15, 22, 24; RoHS compliant; IC: RSS-132 & 133
Antenna	Integrated, on board
Input Power	120VAC +/-20% @ 0.5A max; 12VDC Version: 12VDC +/-15% @ 1.5A max
Alarm Light Annunciator	2.8kHz, 85dB, selectable for Inputs #1 and #2, pulses at 3Hz
Backup Battery	External 6VDC Sealed Lead Acid, 1.3AH, Rechargeable, .187″ Faston spades
Operating Temp.	-20/150 Deg F
Operating Humidity	0-90% RH, non-condensing
Dimensions	5″W round base x 5″H
Weight	1 lb
Protections	US Patent #7,228,129 and #7,778,633

Wiring

120 VAC POWER
- Black (H)
- White (N)
- Grn/Yel (G)

DI #2 — DRY CONTACT ALARM SIGNAL — ORANGE / ORANGE

DI #1 — * 12–120V AC/DC ALARM — * YEL / YEL

RED / BLUE — ⊕ ⊖ Backup Battery

* Voltage present / absent indicates alarm / normal condition

NOTE: wiring for 12V unit will differ from included diagram. Please reference OmniBeacon User Guide for schematic.