LoRa® Alert Relay

Link OCEAView™ with your Building Management System

LoRaWAN®-enabled dry contact relay to trigger your alert devices or building alarm management system in case alarms are detected by your OCEAView platform.

Our wireless dry contact relay offers an interface between your OCEAView platform and your building's alert management system. If an alarm is detected by OCEAView, the dry contact device can trigger up to two alert devices with standard inputs.

- Interfaces OCEAView with your Building Management System
- Opens or closes relays to trigger your alert devices
- Provides two outputs, each of which can be configured as "normally open" or "normally closed"
- Runs on AC power with backup battery to maintain LoRaWAN connection in case of power outage

Information flow

Server
(Cloud or local)

Gateway

Relay

Building Management System

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Specifications

Applications	Alert device for OCEAView monitoring solution • Interfaces with other alert mechanisms and building alarm management systems
Alarms	Dry contact alert relay to trigger up to two connected alert devices in your local alarm management system when alarm conditions are detected in OCEAView
Software	Full integration with OCEAView monitoring platform (Cloud or on-premises)
Interface	Push-button for wireless communication test, setup, and snooze
Connectivity	LoRaWAN long-range wireless technology, range up to about 15 km/10 miles L.O.S.[1]
Device management	2 separate dry contact outputs • "Normal" status can be set as open or closed
Power	Max. relay power: 84W; max. voltage: 42VDC, 42VAC (max. frequency 60Hz); max. current: 2A • 110-240V adapter with international plugs and 1 meter cable (3.3 ft.); AC adapter: 12V DC 1.0A output • Li-SOCl2 (LS14500) 3.6 V backup battery (non-rechargeable, non-replaceable) maintains LoRaWAN connectivity to notify system in case of power outage
Operating conditions	0 °C to +50 °C (+32 °F to +122 °F); 0 to 90% RH (non-condensing)
Storage conditions	-10 °C to +60 °C (14 °F to 140 °F); 0 to 90% RH (non-condensing); optimal storage around 25 °C (77 °F)
Casing & dimensions	ABS plastic casing • 102 x 54 x 30 mm (4 x 2.1 x 1.2 in.) • Weight: 122 g (4.3 oz.)
Protection	Indoor use only
Mounting & installation	Mounting kit with screws and Velcro® • Maximum mounting height < 2 meters (6.5 ft)
Certifications	CE, FCC, IC

[1] Free-field range based on environment and antenna orientation

LoRaWAN®

Product reference

PART NUMBER	DESCRIPTION
Dry contact alert controller	
ACC.ALE.X002	Wireless alert relay for OCEAView

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