

LoRa™ Repeater

providing long range communication

XTR-8LR-REP

P.N. 650201474G

DESCRIZIONE

Ripetitore half duplex con tecnica di modulazione LoRa™ in grado di garantire comunicazioni a lunghissima distanza, elevata immunità alle interferenze, elevata sensibilità e ridotti consumi energetici.

Il ripetitore XTR-8LR-REP permette di estendere il raggio di copertura RF tra il telecomando Aurel XTR-8LR-4ZN (o l'encoder XTR-8LR-ENC) e il decoder XTR-8LR-DEC accoppiato.

Alimentazione 85 - 264VAC, scatola IP55 e antenna integrata.

Il dispositivo integra un supercondensatore per il mantenimento temporaneo dell'alimentazione in caso di tensione di rete assente.

DESCRIPTION

Half duplex repeater based on LoRa™ modulation technique providing an ultra long range radio communication, high interference immunity, high sensitivity and low power consumption.

The repeater XTR-8LR-REP allows to enlarge the RF radio coverage between the Aurel XTR-8LR-4ZN keyfob (or XTR-8LR-ENC encoder) and the paired XTR-8LR-DEC decoder.

85 - 264VAC power supply, IP55 enclosure and integrated antenna.

The device embeds a supercapacitor for temporary power supply backup in case the primary power fails.



APPLICATIONS

- Alarm detecting
- Alarm signaling
- Monitoring

TECHNICAL SPECIFICATION

Ta = 25 °C

CARATTERISTICHE	CARATTERISTICHE	MIN	TYP	MAX	UNIT
Power supply	Alimentazione	85		264	VAC
Average power consumption	Consumo medio		< 1		W
Modulation	Modulazione		LoRa™		
ERP RF Power	Potenza irradiata ERP		13		dBm
Sensitivity	Sensibilità		-126		dBm
Operating time without power supply	Tempo di funzionamento senza alimentazione di rete			10	h

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