

Description

The Brightline LR-INDTX1CRMX unit is a version of wireless DMX modem that allows a complete complex DMX universe to operate up to 512 channels at while maintaining a maximum refresh rate.

Utilizing advanced Wireless DMX technology, the W-DMX offers these advanced wireless features:

- Automated Cognitive Coexistence
- True DMX fidelity
- Lowest latency in the industry at 5ms
- 128 bit encryption for secure communications even in heavily congested wireless domains
- Multiple LR-INDTX1CRMX units can be combined to transmit several DMX universes, allowing easy system expansion
- The LR-INDTX1CRMX is compatible with all other LR-INDTX1CRMX products, both indoor, outdoor and industrial environments, DMX and RMD
- LR-INDTX1CRMX utilizes the international license free ISM band on 2.4GHz

Finish, Weight & Dimensions

Enclosure: painted aluminum

Dimensions (W x H x D): 4.3- x 1.73- x 6.3-in
(109.2- x 43.9- x 160.0-mm) typical.

Weight: 1.6-lbs (.73-kg).

Supported Protocols

USITT DMX512, DMX512(1990) & DMX512-A

Power

High voltage input: 85-264VAC / 47-70Hz / <10W

Low voltage input: 6-12VDC \pm 20% / <4W

Overvoltage and ESD protected power inputs

RF Characteristics

Operational frequency range: 2402-2480 MHz

Output power levels: 300mW (25dBm) (only allowed in North America), 100mW (20dBm), 50mW (17dBm), 10mW (10dBm)

Tested link range: up to 1000 meters line-of-sight

Connectors

DMX: 1 XLR Neutrik® 5-pin gold plated male (self-terminated)

Antenna: SMA

AC: IEC 320-C14 male

DC: Plastic screw down terminal

Specifications subject to change