



Repeater

- E3X-R02-REPTP
- E3X-R12-REPTP
- E3X-R24-REPTP
- E3X-R27-REPTP

The ILLUMRA™ Repeater works to extend the wireless coverage area of ILLUMRA wireless networks. It receives wireless control signals and retransmits them to distant receivers or other repeaters. The device is capable of one-level and two-level repeating, effectively tripling* the coverage distance otherwise achievable without using repeaters. It is easy to install and requires no setup or commissioning.

Applications:

- Office buildings
- Classrooms
- Hallways
- Hospitals
- Other

Installation locations:

- Junction boxes
- Wiring cavities
- Plenums



Features

- One-level and two-level repeating
- Fast, easy installation
- No setup required
- No commissioning required

Benefits

- Extends wireless coverage

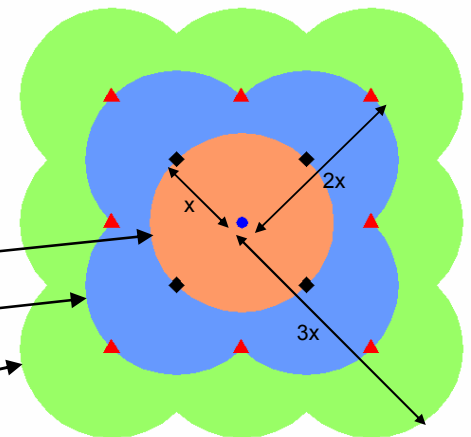
APPLICATION DIAGRAM

- Transmitter
- ◆ Level 1 repeater
- ▲ Level 2 repeater

Coverage area without repeaters

Coverage area with Level-1 repeaters

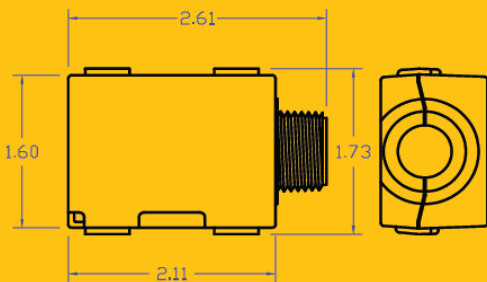
Coverage area with Level-2 repeaters



*Using two levels of repeaters achieves up to triple the distance achievable without repeaters. Results will vary, depending on site-specific conditions.

SPECIFICATIONS

	E3X-R02-REPTP	E3X-R12-REPTP	E3X-R24-REPTP	E3X-R27-REPTP
Supply Voltage	24 VAC 50/60 Hz	120 VAC 50/60 Hz	240 VAC 50/60 Hz	277 VAC 50/60 Hz
Frequency	315 MHz			
Dimensions	2.11 x 1.73 x 1.09 in (54 x 44 x 28 mm)			
Operating Temperature	+14 to +122 F (-10 to +50 C)			
Storage Temperature	+4 to +176 F (-20 to +80 C)			
Safety Approvals	UL244A (Safety), UL2043 (Plenum), CSA C22.2#14-05(Safety)			
Radio Approvals	E3X-xxx-REPTP = FCC, IC			



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This device or certain aspects thereof is protected by at least one U.S. or international patent or has at least one such patent application pending.



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