

XPOINT WIRELESS

powered by Adura

XPoint Wireless Gateway



XPoint Wireless Gateway

Description: The **XPoint Wireless Gateway** provides a link between XPoint Wireless network and the Unity GX2 server (via LAN) or the GR2400 system (via XPA UpLink). The XPoint Wireless system can then be accessed through the GX2 web-based application for monitoring, configuration, and management. The Wireless Gateway optimizes network performance and provides a secure channel of communication with the wireless control network.

LC&D's Wireless Gateway uses secure data transmission on both the wired and wireless network. When communicating with the GX2 Servers over TCP/IP, the Wireless Gateway exchanges messages using HTTPS, encrypting a message prior to transmission and decrypting it upon arrival. Additionally, the Wireless Gateway requires system authentication to accept commands. The wireless Adura Protocol employs 128-bit Advanced Encryption Standard (AES).

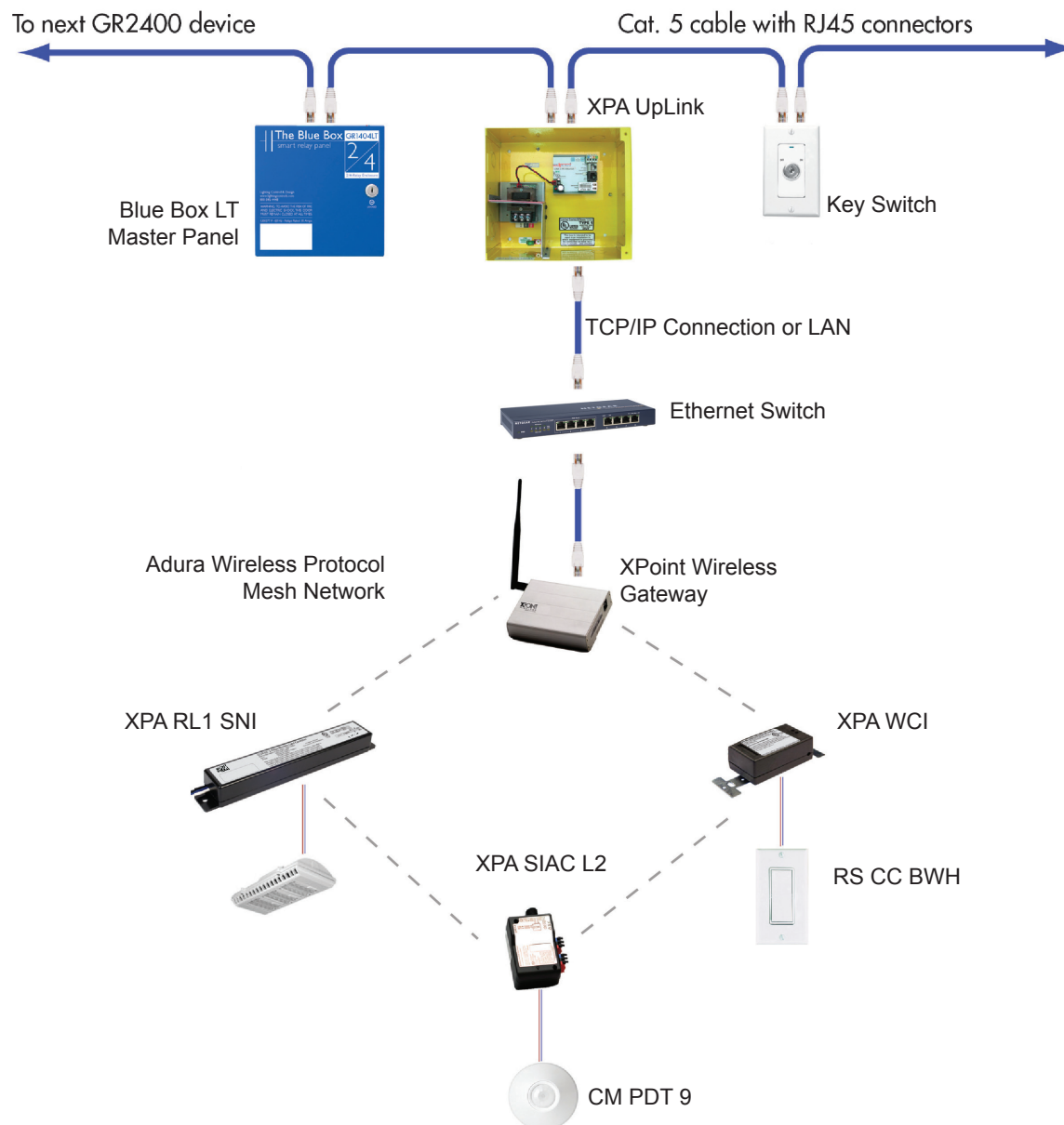
- Features:**
- Buffers data to ensure information integrity when exchanging data with the Unity GX2 Server and retains data to prevent data loss in the event of temporary server outage
 - Designed for high throughput and quick response time
 - 10/100 Ethernet port RJ-45 connector for connection to wired network
 - Powered from any standard wall outlet or power over Ethernet (PoE)
 - Optional IEEE 802.3af PoE adapter for use with standard PoE switches
 - LED indicators show status of Gateway and communication
 - Compliant with FCC Part 15
 - 3 year warranty

Specifications:

Overall Dimensions: 6.5" w x 4.44" h x 1.18" d
Input Power: 12-18 VDC, 6 Watts peak
120 VAC with AC wall adapter
Radio Frequency: 2.4 GHz
RF Transmission
Output Power: +18 dBm

Operating Environment: 32° to 95° F (0° – 35° C), dry location
(For parking garages, mount inside a non-metallic waterproof enclosure)
Max. humidity: 5% to 95%, non-condensing

Overview



Note: Gateways are ordered separately from XPoint wireless components. Typical distance between mesh network devices is up to 50' indoors. Each gateway supports up to 250 wireless devices.

System components shown in diagram are for example only; exact configuration will vary with project requirements.

ORDERING INFORMATION

XPoint™ Wireless Gateway	
XPA	
XPoint Wireless	Gateway GW = Wireless Gateway GW - 802.3 = 802.3 af adapter for PoE