

OVERVIEW

The UpLink network multiplex card links up to 99 digital buses together to create a system with over 12 thousand digital lighting control devices. The MetaServer digital web server is a gateway that provides Internet or computer access to these devices and requires only a single IP address to provide complete access to one or multiple buildings.

Up to 127 digital addresses (relay panels, digital sensors and wall stations, etc.) may be linked together within a GR 2400 digital bus using UpLink cards. For larger installations where multiple buses are needed to accommodate the large number of digital devices, LC&D has developed a Backbone Bus using the UpLink card and MetaServer to link up to 99 GR 2400 buses together.

At the head of the Backbone Bus is a MetaServer that connects the whole system via Ethernet or Modem to a computer or the internet. Connecting each digital bus to the Backbone Bus is an UpLink card that captures packets meant for that particular bus and routes the data accordingly. The UpLink card has a large memory capacity that mirrors the status of the GR 2400 bus for quicker communication. UpLink cards also keep logs of the number of times a relay has been operated, the time it has been ON since last reset, and a log of each event (see DataLogger tech sheet for more information).

Wall stations from one GR 2400 bus may control all relays, dimmers, scenes, groups, or SmartBreakers in other downstream busses with full feedback.

FEATURES

- Run-time and event-logging stored in Flash memory until downloaded by an administrator (see tech sheet for DataLogger software)
- Ability to connect as many as 99 UpLink cards to a Backbone network
- Access to multiple buses using GX2 lighting control software

SPECIFICATIONS

Enclosure dimensions:	8.375" w x 8.375" h x 3.125" d
Enclosure type:	Surface mount NEMA 1
Optional enclosures:	Surface mount NEMA 4
	Flush mount NEMA 1
Power supply inputs:	120/277VAC (DV) or 347VAC
Programming:	Via DTC or with GX2 lighting control software
Max. humidity:	10% – 90% non-condensing
Ambient temperature:	32 – 104° F (0 – 40° C)
Listings:	UL and cUL listed

Warranty

Three-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

AcuityControls™

LC&D™

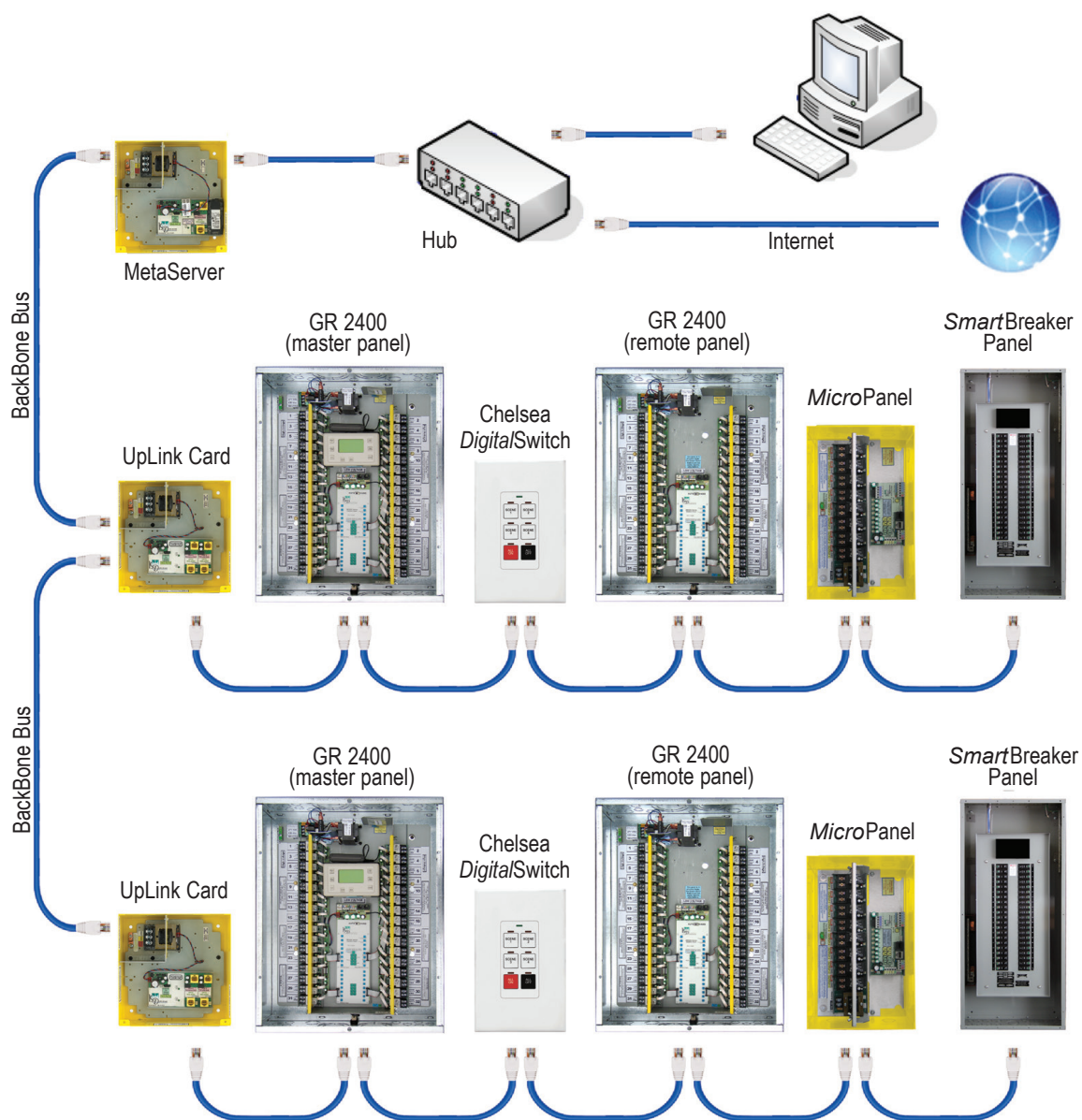
GR 2400™ Metaserver and Uplink



ORDERING INFORMATION

METASERVER™ AND UPLINK™			Example: GR 2400 UH4 DV SM NE1	
System and Type		Transformer	Mount and Enclosure Type	
GR 2400 UH4	UpLink	DV Dual voltage 120/277V	SM NE1	Surface mount, NEMA 1
GR 2400 SH4MOD	MetaServer w/ modem	347 347V	FM NE1	Flush mount, NEMA 1
GR 2400 SH4MUH4	Server-UpLink w/ modem		SM NE4	Surface mount NEMA 4

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Note: MetaServer: One per system, UpLink: One per bus

Title 24 System Component