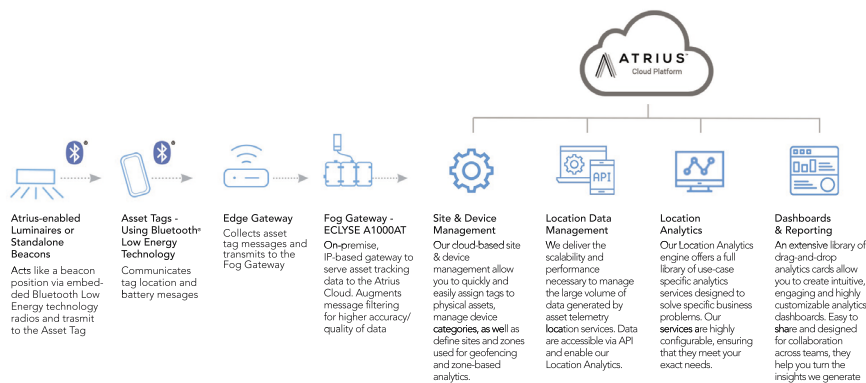


OVERVIEW

The Edge Gateway (EGW) is a required component of the asset tracking and management solution, with Atrius™ Assets. It communicates with Asset Tag (ATG2), Atrius™-Enabled Sensory Network and ECLYPSE™ A1000AT Fog Gateway (ECYA1000AT), leveraging Bluetooth® Low Energy and sub-gigahertz (sub-GHz) technologies to offload Asset Tag location and status information, perform over-the-air (OTA) firmware updates and Asset Tag attribute updates.

FEATURES

- Leverages Bluetooth® Low Energy technology to collect ATG2 messages and communicate with ATG2 and the Atrius-Enabled Sensory Network.
- Provides for optimized communication between Atrius-Enabled Sensory Network and the Fog Gateway
- EGW firmware updates available OTA via ECLYPSE A1000AT.
- Coordinates asset tag parameters updates, including beaconing interval, with ECLYPSE A1000AT
- Suitable for plenum applications UL™ 2043



Warranty

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

www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Note: Consult factory for compatibility with nLight Air deployments.

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AcuityControls™

ATRIUS®
ENABLED

EGW: Edge Gateway
For use with Atrius™ Assets



ORDERING INFORMATION

Examples: EGW SGHZ ASST 24V EFP G2						
Series	Network	Application	Low Voltage output	Fault Protection	Voltage	Generation
EGW	SGHZ Sub GHz	ASST Assets	24V 24V Output Terminals	EFP External Fault Protection	[blank] 120-277V	G2 Generation 2 Compatibility

SPECIFICATIONS

Mechanical

Size: 3.50" x 3.52" x 1.82" (120-277V model)

Weight: 6 oz

Mounting: 1/2" Knockout

Color: White (standard)

Temperature: -10°C to 60°C

Humidity: 5 to 95% non-condensing

Location: Damp Location Rating

Electrical

Operating Voltage: 120-277VAC

DC Output Terminals: Push-in Terminals, solid or tinned 16-20AWG

DC Output Voltage/Current: 24 VDC, 100 mA max output

Frequency: 50/60Hz

Radio Frequencies: 900 MHz up to +20dBm, 2.4 GHz up to +10 dBm

Wireless Standard: 900 MHz: IEEE 802.15.4-based; 2.4 GHz: Version 4.0+ of the Bluetooth specification

Wireless Range: 900 MHz: Up to 500 ft. (~150m) in free space / line of sight, 200-300 ft. (65m to 100m) through obstruction depending on building construction; 2.4 GHz: up to 65 ft. (~20m) in free space/line of sight

Security: Application Data Encryption AES-128 bit

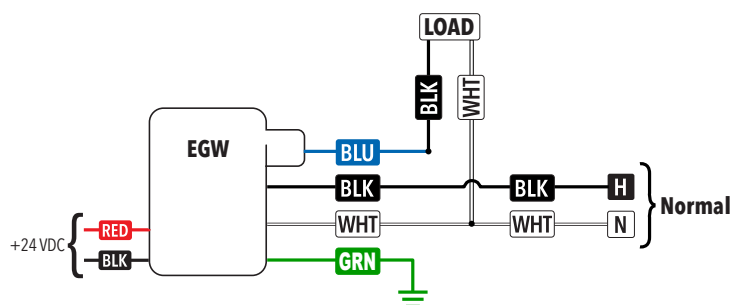
FCC/IC IDs: 2ADCB-RMODIT

IC: 6715C-RMODIT

Temperature and Load Ratings when optionally connecting the EGW to lighting loads for the purpose of commissioning:

Model	EGW (-10 to 50 C)		EGW (-10 to 60 C)	
Voltage	120 VAC	277 VAC	120 VAC	277 VAC
General Purpose	20 A	20 A	5 A	5 A
Tungsten	20 A	20 A	5 A	5 A
Standard Ballast	20 A	20 A	5 A	5 A
Electronic Ballast	16 A	16A	5 A	5 A
Motor	1.5 HP	1.5 HP	1.5 HP	1.5 HP

WIRING DIAGRAM



LEGEND

BLU - Optional: refer to project requirements and installation instructions for details
BLK - Unswitched Hot 120-277V
WHT - Neutral
GRN - Ground
RED (Terminal) - +24VDC
BLK (Terminal) - DC Common