



2026 EDITION

ACTALL ATLAS™

RTLS Project Catalog

Technical data sheets for tags, locators, gateways and locating appliances in the ACTALL ATLAS™ real-time location system.

ACCURATE LOCATION

Patented dual-frequency RTLS

24/7 SUPPORT

1 (800) 598-1745

www.actall.com

HEAVY DUTY TAG

60001



The Heavy Duty Tag features a combination of a 900 MHz LoRa radio and a 2.4 GHz location technology in a small rugged package, perfect for custody or security personnel. This device provides both visual and audio notification while in alarm and has the option of haptic notifications as well.

Each HDT has three different alarming capabilities, in addition to full time supervision and low battery notifications. The 60001 will last 4-6 months on one disposable CR123 battery*.

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 RF transmitter enables accurate ZONAL location
- LoRa 915 radio for full site coverage
- Panic button, pull cord and tilt switch are standard features
- Visual and audio alarm notification on device
- One piece design using high impact LEXAN plastic

DIMENSIONS	4" H x 2.75" W x .875" D
CASE	Lexan Plastic IP 44 rating
WEIGHT	4 ounces
TEMPERATURE	0 to 50 degrees C
BATTERY	CR123 Lithium Ion (or approved equivalent)

*Battery life when deployed will vary as a function of duty time used, number of alarm transmissions sent, frequency of check ins, LED brightness/frequency, broadcast interval setting and environmental conditions at your site. Ask your Actall representative for more details.

ONE BUTTON ROUND TAG

ONE BUTTON ROUND TAG XL

60007
60007XL


DIMENSIONS	1.7" diameter
CASE	High impact plastic IP 67 rating
WEIGHT	0.6 ounces
TEMPERATURE	0 to 50 degrees C
BATTERY	CR 2032 (or approved equivalent)

The ACTALL ATLAS™ Round Tag is a 2.4 GHz location only lightweight tag for non-custody users. It comes in a small rugged package with an advanced environmental protection rating. This device comes in both a slim and an XL version. The XL comes with a battery with four times the capacity of the standard round tag.

Each round tag features simple push button activation, in addition to full time supervision and low battery notifications. The 60007 will last 4-6 months on one disposable CR 2032 battery*.

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 RF transmitter enables accurate ZONAL location
- Available in slim and XL version
- One button activation for alarms
- Visual alarm notification on device
- Two piece case with gasket

*Battery life when deployed will vary as a function of duty time used, number of alarm transmissions sent, frequency of check ins, LED brightness/frequency, broadcast interval setting and environmental conditions at your site. Ask your Actall representative for more details.

TWO BUTTON ROUND TAG

TWO BUTTON ROUND TAG XL

60008
60008XL


DIMENSIONS	1.7" diameter
CASE	High impact plastic IP 67 rating
WEIGHT	0.6 ounces
TEMPERATURE	0 to 50 degrees C
BATTERY	CR 2032 / CR 2477 (or approved equivalent)

The ACTALL ATLAS™ Round Tag is a 2.4 GHz location only lightweight tag for non-custody users. It comes in a small rugged package with an advanced environmental protection rating. This device comes in both a slim and an XL version. The XL comes with a battery with four times the capacity of the standard round tag.

Each round tag features simple push button activation, in addition to full time supervision and low battery notifications. The 60008 will last 4-6 months on one disposable CR 2032 battery*.

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 RF transmitter enables accurate ZONAL location
- Available in slim and XL version
- Two separate button activation for alarms
- Visual alarm notification on device
- Two piece case with gasket

*Battery life when deployed will vary as a function of duty time used, number of alarm transmissions sent, frequency of check ins, LED brightness/frequency, broadcast interval setting and environmental conditions at your site. Ask your Actall representative for more details.

ROUND ASSET TAG

60006

LOW-SECURITY PATIENT TAG

60017



DIMENSIONS	1.375 Round
CASE	High impact plastic
WEIGHT	1 ounce
TEMPERATURE	0 to 50 degrees C
BATTERY	CR 2032 (or approved equivalent)

The Round Asset Tag is an active RF round tag for use with the ACTALL ATLAS™ RTLS system. It is activated by pulling the tape, exposing the battery connection.

The Low-Security Patient Tag uses a silicon sleeve to house a 60006 transmitter and can be used with a variety of bands as desired by the owner, including cut-resistant, no-remove bands. The 60006/60017 will last 4-6 months on one disposable CR 2032 battery*. The battery for the 60006 tag is not intended to be changed by the user. Actall offers a simple tag exchange program to ensure you have ample stock.

The Low-Security Patient Tag includes a silicon sleeve for liquid protection and a cut-resistant band.

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 RF transmitter enables accurate ZONAL location
- Available in slim
- No alarm activation. Location, low battery and supervision alarms only
- Visual transmitting notification on device
- Easy pull tape activation

*Battery life when deployed will vary as a function of duty time used, number of alarm transmissions sent, frequency of check ins, LED brightness/frequency, broadcast interval setting and environmental conditions at your site. Ask your Actall representative for more details.

HIGH SECURITY INMATE TAG

60018



The High Security Inmate Tag is designed for use in facilities that have deployed the ACTALL ATLAS™ RTLS architecture. This tamper proof tag is designed for 24x7 use and is equipped with a no-cut band. This tag can provide valuable real time location information to assist with population counts, workflow management, automated movements and attendance.

This tag ships with two AAA batteries and one cut-to-length, tamper resistant band.

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 RF transmitter enables accurate ZONAL location
- Tamper proof, no-cut design
- No alarm activation. Location, low battery and supervision alarms only
- Visual transmitting notification on device
- Comes with removal tool
- IP 67 environmental rating

DIMENSIONS	3" W x 3" T x 0.75" D
CASE	High impact plastic / Lexan
WEIGHT	6 ounces
TEMPERATURE	0 to 50 degrees C
BATTERY	Two (2) AAA Lithium Ion (or approved equivalent)

*Battery life when deployed will vary as a function of duty time used, number of alarm transmissions sent, frequency of check ins, LED brightness/frequency, broadcast interval setting and environmental conditions at your site. Ask your Actall representative for more details.

BADGE HOLDER TAG

60019



The Badge Holder Tag is a dual function transmitter designed to provide employees, vendors and volunteers an alternative to hand held or belt clip transmitters used with the ACTALL ATLAS™ RTLS system.

The Badge Holder Tag gives the user two direct notification possibilities via a push button and a slide switch attached to the lanyard (included). It is designed to allow for holding an ID badge on the opposite side of the alarm button.

The badge tag ships with two CR 2032 batteries and a quick detach neck lanyard.

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 RF transmitter enables accurate ZONAL location
- Lanyard pull and push button activation with low battery and supervision notification
- Holder for wearer's ID card
- IP 44 environmental rating
- Visual transmitting notification on device

DIMENSIONS	3.5" T x 1.75" W x 0.25" D
CASE	High impact plastic
WEIGHT	4 ounces
TEMPERATURE	0 to 50 degrees C
BATTERY	Two (2) CR 2032 (or approved equivalent)

*Battery life when deployed will vary as a function of duty time used, number of alarm transmissions sent, frequency of check ins, LED brightness/frequency, broadcast interval setting and environmental conditions at your site. Ask your Actall representative for more details.

CEILING MOUNT LOCATOR

60003C



ACTALL ATLAS™ Locators serve to collect 2.4 GHz transmissions from tags in the ACTALL ATLAS™ RTLS system. All Locators have the same common components:

- 2.4 GHz directional patch antenna
- Main board with 900 MHz LoRa radio
- Backplate with 2.4 GHz antenna mounting wheels
- Radome specific to product type
- LED light pipe

The 60003C is designed to mount in either ceiling or wall applications. It is typically used in applications requiring a 10+ foot height placement, but can be used with shorter ceilings. All ACTALL ATLAS™ Locator covers are anti-ligature.

DIMENSIONS	10.5" L x 6.25" W x 3.5" T
CASE	High impact plastic IK06 rating
WEIGHT	26 ounces
TEMPERATURE	-30° to 85° C
POWER	12 VDC (34 mA average draw) (or approved equivalent)

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 GHz directional antenna enables accurate ZONAL location
- 900 MHz LoRa radio provides high power long range performance
- Low power usage
- NEMA enclosure available for outdoor or wet/humid installations
- Visual health notifications on device

ACTALL ATLAS™ Locators are designed to provide RF coverage using a specific set of degree angles on the 2.4 GHz receive antenna. If your placement requires a different angle in that location, you should consider using an alternate part number.

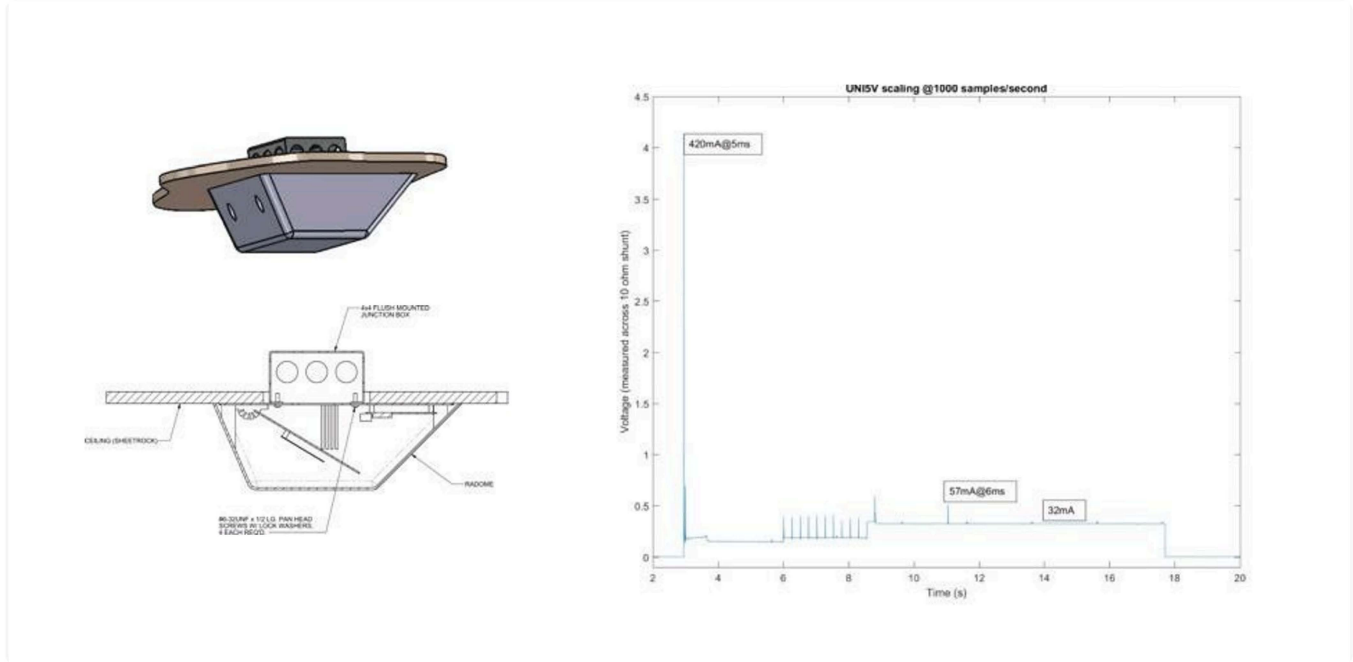
CEILING MOUNT LOCATOR

REFERENCE DRAWINGS

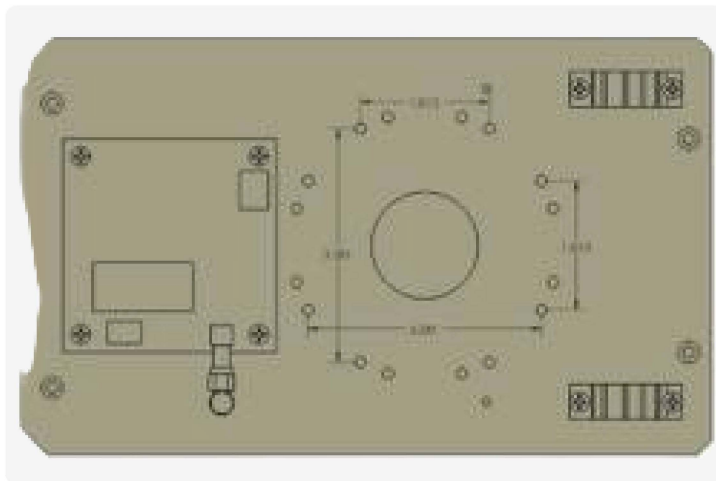
60003C

LOCATOR POWER CONSUMPTION

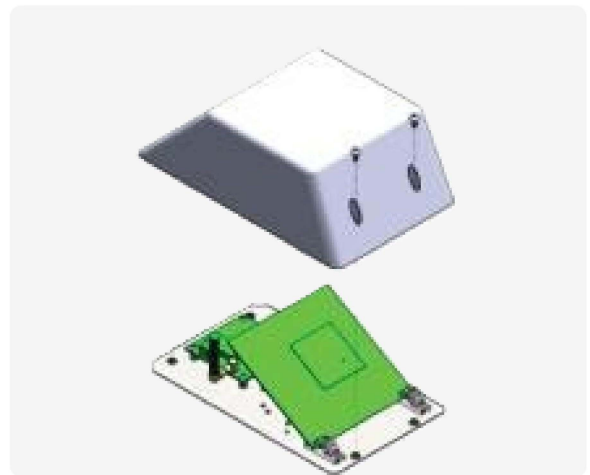
UNISV SCALING AT 1000 SAMPLES/SECOND



LOCATOR BACKPLATE



LOCATOR CEILING MOUNT ASSEMBLY



LOW PROFILE LOCATOR

60003LP



ACTALL ATLAS™ Locators serve to collect 2.4 GHz transmissions from tags in the ACTALL ATLAS™ RTLS system. All Locators have the same common components:

- 2.4 GHz directional patch antenna
- Main board with 900 MHz LoRa radio
- Backplate with 2.4 GHz antenna mounting wheels
- Radome specific to product type
- LED light pipe

The 60003LP is designed to mount on ceiling applications. It is typically used in applications requiring an 8 foot height placement, but can be used with taller mounts. All ACTALL ATLAS™ Locator covers are anti-ligature.

DIMENSIONS	8.75" L x 8.75" W x 2.375" T
CASE	High impact plastic IK09 rating
WEIGHT	26 ounces
TEMPERATURE	-30° to 85° C
POWER	12 VDC (34 mA average draw) (or approved equivalent)

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 GHz directional antenna enables accurate ZONAL location
- 900 MHz LoRa radio provides high power long range performance
- Low power usage
- NEMA enclosure available for outdoor or wet/humid installations
- Visual health notifications on device

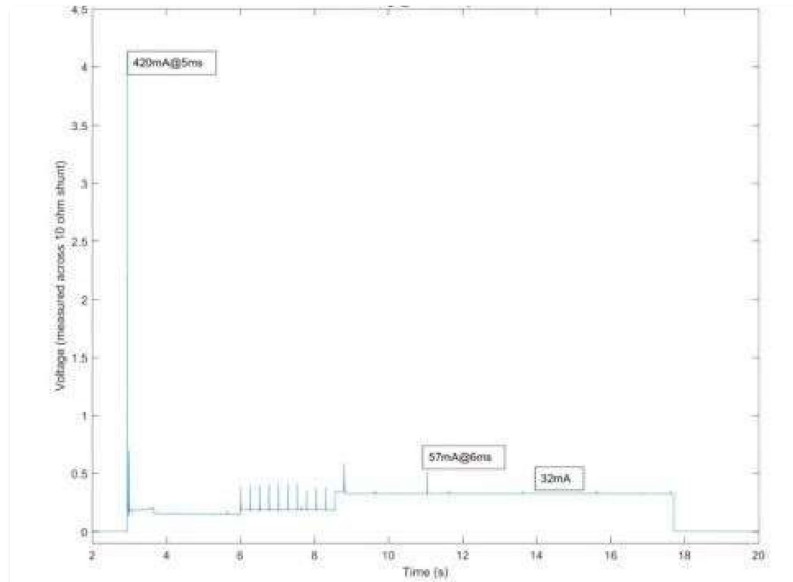
ACTALL ATLAS™ Locators are designed to provide RF coverage using a specific set of degree angles on the 2.4 GHz receive antenna. If your placement requires a different angle in that location, you should consider using an alternate part number.

LOW PROFILE LOCATOR

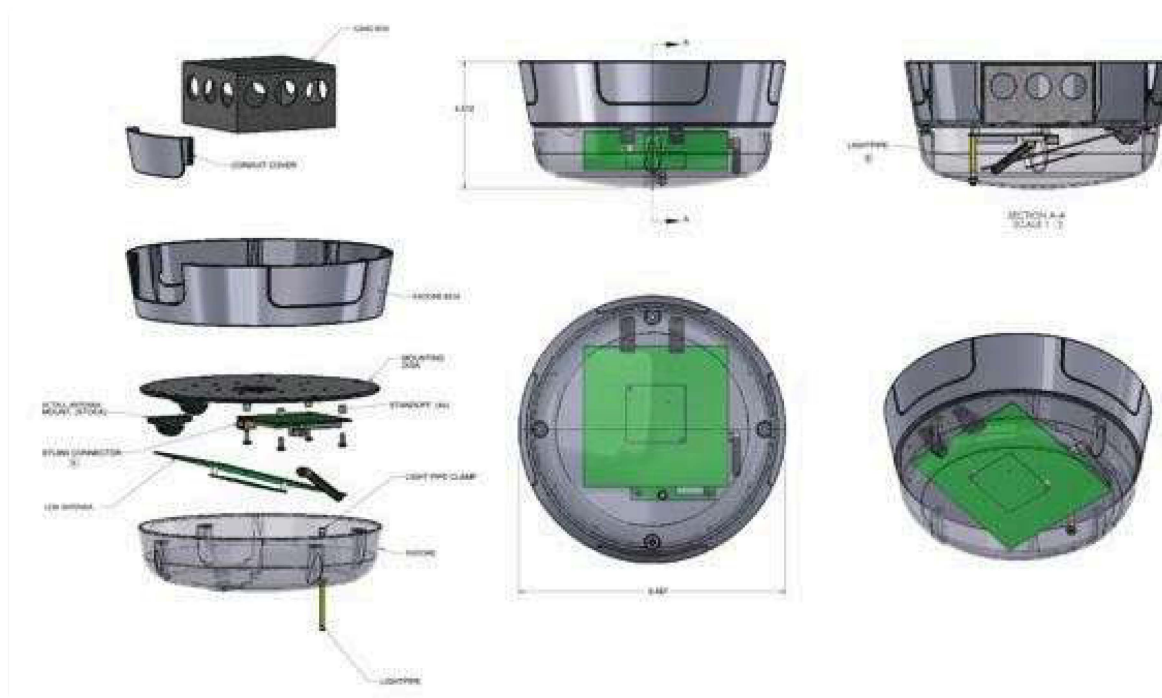
REFERENCE DRAWINGS

60003LP

LDN POWER CONSUMPTION • UNISV SCALING AT 1000 SAMPLES/SECOND

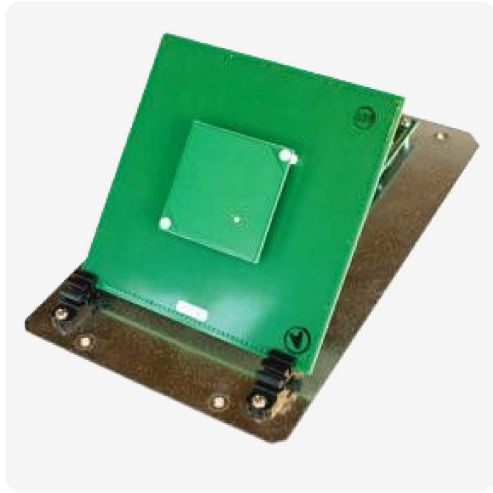


LDN LOW PROFILE CEILING MOUNT ASSEMBLY



WALL MOUNT LOCATOR

60003W



ACTALL ATLAS™ Locators serve to collect 2.4 GHz transmissions from tags in the ACTALL ATLAS™ RTLS system. All Locators have the same common components:

- 2.4 GHz directional patch antenna
- Main board with 900 MHz LoRa radio
- Backplate with 2.4 GHz antenna mounting wheels
- Radome specific to product type
- LED light pipe

The 60003W is designed to mount on wall applications needing an antenna angle ≥ 45 degrees. It is typically used in applications requiring a 12+ foot height placement, but can be used up to 18 feet. All ACTALL ATLAS™ Locator covers are anti-ligature.

DIMENSIONS	10.5" L x 6.25" W x 6.0" T
CASE	High impact plastic IK07 rating
WEIGHT	26 ounces
TEMPERATURE	-30° to 85° C
POWER	12 VDC (34 mA average draw) (or approved equivalent)

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- 2.4 GHz directional antenna enables accurate ZONAL location
- 900 MHz LoRa radio provides high power long range performance
- Low power usage
- NEMA enclosure available for outdoor or wet/humid installations
- Visual health notifications on device

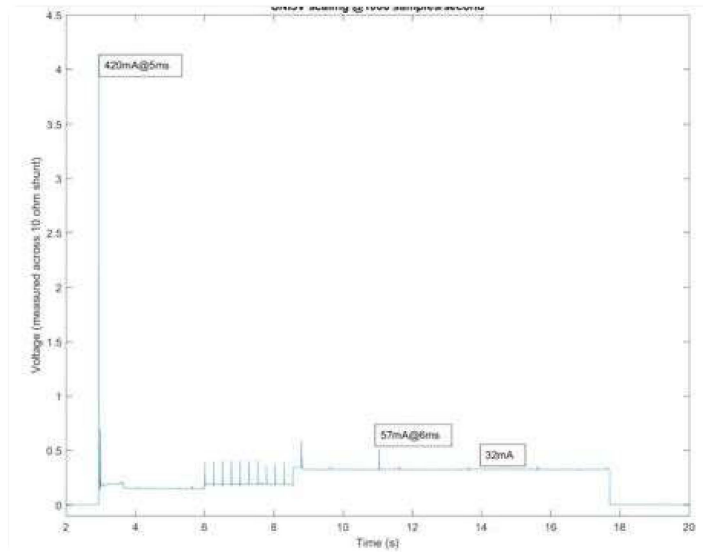
ACTALL ATLAS™ Locators are designed to provide RF coverage using a specific set of degree angles on the 2.4 GHz receive antenna. If your placement requires a different angle in that location, you should consider using an alternate part number.

WALL MOUNT LOCATOR

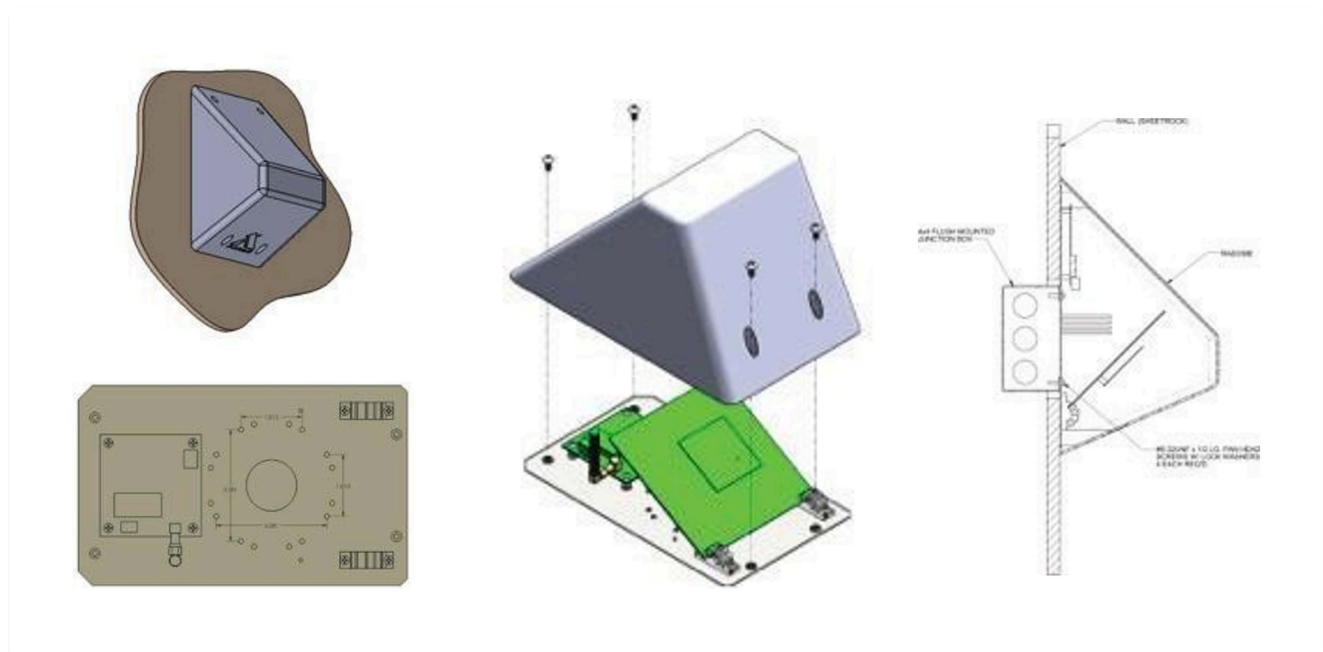
REFERENCE DRAWINGS

60003W

LDN POWER CONSUMPTION · UNISV SCALING AT 1000 SAMPLES/SECOND



LDN BACKPLATE



GATEWAY

60004



ACTALL ATLAS™ Gateways manage traffic from tags and locators in the ACTALL ATLAS™ RTLS system. Gateways receive 900 MHz transmissions from Locators and LoRa equipped tags and broadcast that information back to the ACTALL HubSens™ appliance via Ethernet.

The 60004 comes in a NEMA approved enclosure for mounting outside or indoors.

FEATURES

- Compatible with all ACTALL ATLAS™ system components
- High gain antenna included
- 900 MHz LoRa radio provides high power long range performance
- PoE powered
- NEMA enclosure for indoor and outdoor or wet/humid installations
- Visual health notifications on device

DIMENSIONS	12" L x 9" W x 2.5" T
CASE	High impact plastic NEMA case
WEIGHT	24 ounces
TEMPERATURE	-45° to 85° C
POWER	Power over Ethernet (or approved equivalent)

Gateways are a critical component of your ACTALL ATLAS™ RTLS system. They should be placed in accordance with the design of a certified ACTALL ATLAS™ professional.

60350**60351****60352**

ACTALL HUBSENS™ LOCATING APPLIANCES

The ACTALL HubSens™ locating engine is a Linux rack mount appliance that governs the network management, locating algorithm and communications to and between all ACTALL ATLAS™ field devices. ACTALL HubSens™ is offered in three different product SKUs — Basic, Standard and Enterprise. Each SKU differs based upon the underlying hardware type(s), number of assets allowed, and capabilities for redundancies of both the location engine and the underlying databases.

ACTALL HubSens™ communicates via a RESTful API to PrismUI, the ACTALL ATLAS™ site management tool. PrismUI runs in a Windows environment separate from ACTALL HubSens™. PrismUI is also capable of mapping and event display, and provides its own RESTful API to outside PSIM software to display and manage events.

Because of supply chain challenges, ACTALL HubSens™ CPU specifications can vary from time to time, but are generally built to the following specifications.

ACTALL HubSens™ Basic Locating Appliance Small form factor

60350

Intel NUC11 Performance, 2.8 GHz Core i7 4-core, 256 MB SSD, 16 GB RAM

ACTALL HubSens™ Standard Locating Appliance Desktop

60351

Micro, i5-12500T, 16 GB RAM, (1) 256 GB M.2 SSD, (1) 1GbE RJ45, 65 W AC adapter, keyboard, mouse, Windows 10 LTSC 2021, 5 year warranty

ACTALL HubSens™ Enterprise Locating Appliance Server

60352

Rack mount 1U, E-2236 moving to E-2336, 16 GB RAM, (2) 240 GB M.2 SSD — RAID 1, (2) 1GbE RJ45, RAID controller, sliding rails with CMA, (2) 350 W PS moving to 600 W PS, keyboard, mouse, iDRAC Enterprise, Ubuntu 20.04, 5 year warranty with KYHD

CLEANING ACTALL ATLAS™ TAGS – GENERAL GUIDELINES

Actall tags are manufactured using various types and combinations of plastics. Care should be taken in handling and cleaning tags so that they do not become damaged. Tag cleaning should be performed as needed.

Approved cleaning chemicals and processes. If there are processes or chemicals which are not listed here, we are happy to assist you in determining if the process is safe for ACTALL ATLAS™ tags. Please contact your Actall dealer or reach out to Actall support directly.

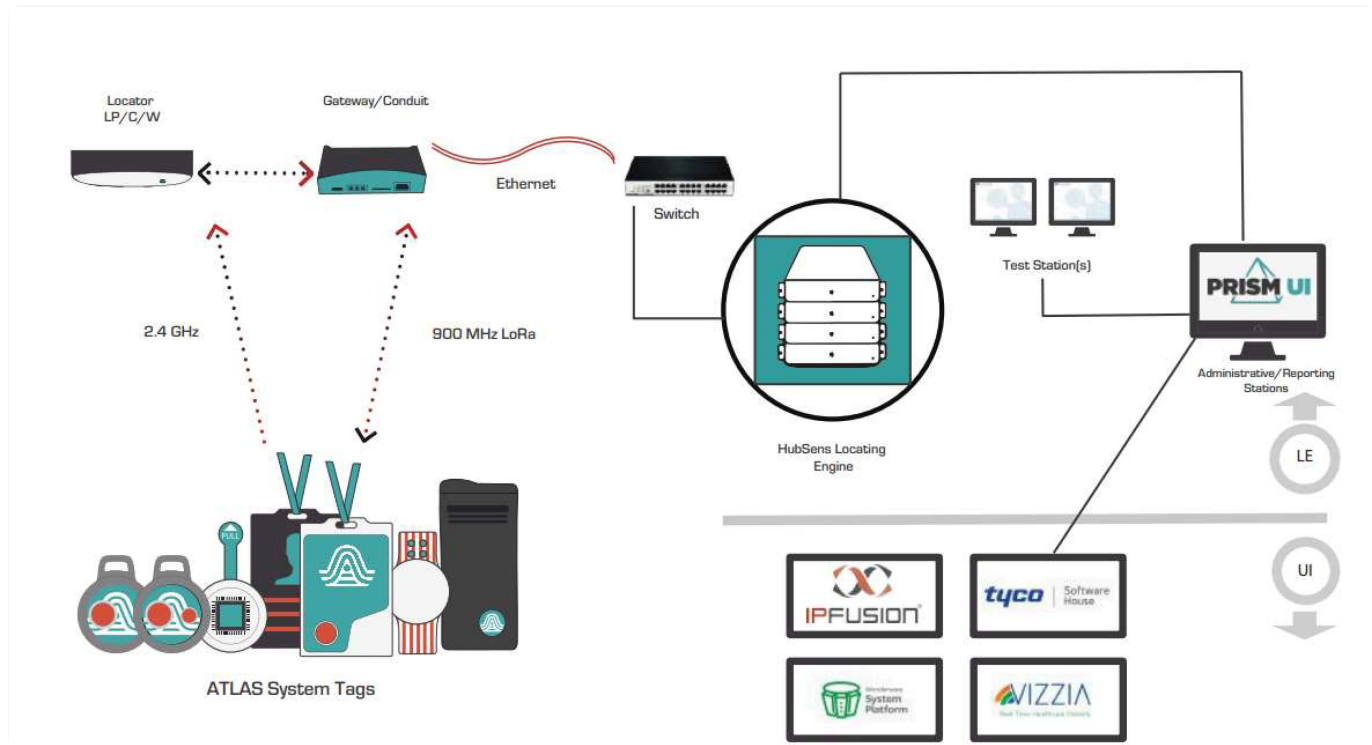
	Non-alcohol surface wipes (Clorox disinfecting wipes)	H2O2 wipes (Clorox or Lysol hydrogen peroxide wipes)	Germicidal cleaners	General cleaning products with a pH of 7 or 8 (mild dish soap)	Sterrad sterilization	Alcohol or alcohol wipes	Solvents	Cidex	Glycol ether	Calvicide	Autoclave (or any process that would expose the tag to temp. over 70 degrees C.)
60001 Heavy Duty Tag · Do not immerse during cleaning	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
60006 Round Asset Tag · Do not immerse during cleaning	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
60007 One Button Round Tag	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
60008 Two Button Round Tag	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
60017 Low-Security Patient Tag · Do not immerse during cleaning	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
60018 High Security Inmate Tag	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
60019 Badge Holder Tag · Do not immerse during cleaning	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

SPECIAL NOTE

The 60017 (Low-Security Patient Tag) can be removed from its housing and cleaned with the same approved cleaners as the 60006 or as the 60017 indicates on the chart above.

QUICK REFERENCE GUIDE

ACTALL ATLAS™ SYSTEM CONFIGURATION

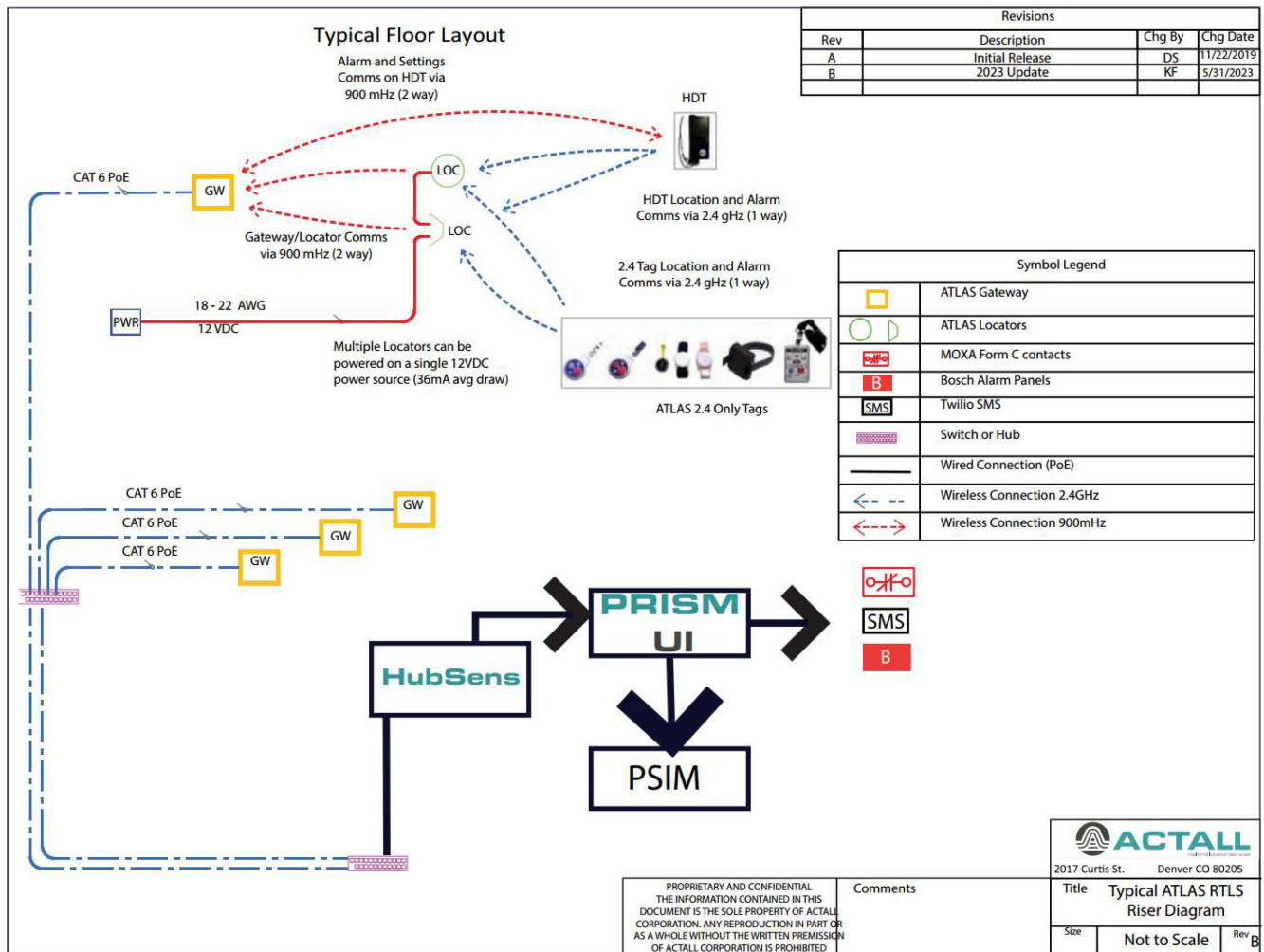


Actall encourages behavior which supports a greener and safer planet and eco-friendly world. Products manufactured by Actall have electronic components and batteries, and should be disposed of in a manner that respects the environment.

The information presented in this document illustrates the operation of ACTALL ATLAS™ system components. Image sizing is not to scale and is for informational purposes only. To learn more visit us online, send us an email, or give us a call.

TYPICAL FLOOR LAYOUT

TYPICAL ACTALL ATLAS™ RTLS RISER DIAGRAM · REV B · NOT TO SCALE



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