Actall Corporation

ISO 9001:2015 Certified

ATLAS RTLS System Catalog

2018-2019

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303-226-4799
support@actall.com

ATLAS System Tags

Actall Corporation is an established leader in the Real Time Location Systems industry and has been developing, manufacturing, and installing RTLS Systems since 1997. Actall's ATLAS family of devices and systems are installed in hundreds of facilities across the U.S and abroad.

ATLAS tags utilize a 2.4 GHz radio frequency to accurately determine it's location in real time (RTLS), and are designed to be used in conjunction with other ATLAS components and Crisis Controller Software.

ATLAS systems are capable of interfacing to existing facility management software systems, and to secondary notification systems to further maximize your return on investment. Our software is constructed and compiled using Microsoft code and database tools, ensuring that it will be supported for many years to come.

Accurate Location
24/7 Support
Affordable System
Optimize Workflow
Improves Safety
Valuable Data

60001 | ATLAS Heavy Duty Tag

Our HDT offers the highest standard in state of the art radio frequency signaling, providing user specified location data notification options accurately tracking in real time.

3.75" H
3.75" W
1.75" D

60007 | One Button Round Tag

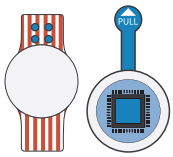
Our One Button Round Tag is a smaller and lower-cost alternative to the standard HDT offering accurate location in real time when button utilized to summon for assistance.

1.6875" D
1.625" W

60008 | Two Button Round Tag

Our Two Button Round Tag provides the same advantages as our One Button version housing additional features, including customizable functionality of the two buttons by the user.

1.6875" D
1.625" W



60017 | Low Security Patient Tag

Our Low Security Patient Tag is reduced in size and designed for tracking assets, personnel, or patients in real time. The rubberized case is flexible to wear or affix in a variety of positions.

1.6875" D
1.625" W

60018 | High Security Patient Tag

Our High Security Transmitter is tamper proof designed to prevent removal. The device provides valuable automated correctional workflow information such as headcounts, etc.

3" L
3" W
.75" D

60019 | Badge Holder Tag

Our Badge Holder Tag is an alternative to a hand-held or belt-clipped duress device. Its practical design provides secure housing for a standard ID badge and pull-cord duress notification.

3.56" L
2.31" W
.5" D

60001 | Heavy Duty Tag

The 60001 Heavy Duty Tag offers the highest standard in state of the art radio frequency signaling, utilizing a combination of 900MHz direct sequence spread spectrum frequency technology and 2.4 GHz RF location technology.

The Heavy Duty Tag provides different alarming options and will provide location data in an alarm situation when used in conjunction with other ATLAS components and Crisis Controller Software.

Features & Benefits

- Compatible with the ATLAS® system components
- Dual band RF transmitter returns accurate RF location
- Long range transmission with the use of wireless repeaters for full site coverage
- Panic Button, Emergency Pull Cord and Person Down Alarms are standard features
- Guard Tour options are available
- Rugged 1 piece design using high impact Lexan® plastic
- Exclusive Actall 60110 IR Lapel Reader can be used when inadvertently covered by clothing
- Extended battery life (up to 9 months depending on features and usage)
- Full transmitter supervision includes alarms for low battery, tamper and inactivity
- IR indoor and RF outdoor locating capabilities

Specifications

DIMENSIONS
Height 3.75” Width 1.75” Depth .875”
CASE
Polycarbonate/ABS plastic/Lexan®, black
WEIGHT
Approximately 4 ounces
OPERATING TEMPERATURE
0° to 50° Centigrade
BATTERY TYPE
V Lithium Battery, Duracell 123A/Panasonic *(or approved equivalent)*
DATA TRANSMISSION SETTINGS
PAN ID, Ch 1-10, power +1dBm to -25dBm

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60006 | ATLAS Asset Tracking Tag

The 60006 Asset Tracking Tag is designed for operation within the ATLAS system architecture. This simple, reduced size tag is designed to provide ATLAS installation the capability of tracking assets, personnel or patients in real time (RTLS).

Like all ATLAS devices, the 60006 utilizes a 2.4 GHz radio to accurately determine its location. The device can be carried on its own, affixed to the asset to be tracked or worn in a variety of positions utilizing the rubberized case (shown in picture).

Features & Benefits

- Lower cost and smaller form factor than part 60001
- Communicates with ATLAS® LDN field devices via 2.4GHz spectrum transmission
- Reliable data transmission between 60006 and LDN at a minimum of 50 feet
- Extended battery life
  *(Up to 1.5 years, depending on user preferences and deployment profile *)*
- Low battery notification both on device and via transmission to ATLAS® system head end
- Unique device ID within installation environment
- Water resistant housing
- On/Off feature available
- No on-site device programming required
- Device ships pre-programmed to user parameters

Specifications

DIMENSIONS
1.6875” diameter, .625” width
CASE
Polycarbonate/ABS plastic/Lexan®
WEIGHT
Approximately .4 oz.
OPERATING TEMPERATURE
0° to 50° Centigrade
BATTERY TYPE
Standard CR 2032 coin cell battery or approved equal
DATA TRANSMISSION SETTINGS
PAN ID, Ch 1-10, power +1dBm to -25dBm

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

MADE IN THE USA

60007 | One Button Round Tag

The 60007 One Button Round Tag is designed for operation within the ATLAS system architecture. This simple, reduced size tag is designed to provide staff, patients and vendors a lower cost alternative to the ruggedly constructed standard 60001 Heavy Duty Tag.

Like the standard Heavy Duty Tag, the 60007 utilizes a 2.4 GHz radio to accurately determine its location. This tag also uses the same channel to transmit alarm data. The button on the 60007 is used to summon for assistance when required. This device can be carried in a variety of positions, on its own with clip, or with an optional rubberized carrier (not shown).

Features & Benefits

- Lower cost, feature rich and smaller form factor than part 60001
- Communicates with ATLAS® LDN field devices via 2.4GHz spectrum transmission
- Reliable data transmission between 60007 and LDN at a minimum of 50 feet
- Extended battery life
  *(Up to 1.5 years, depending on user preferences and deployment profile *)*
- Low battery notification both on device and via transmission to ATLAS® system head end
- Unique device ID within installation environment
- Water resistant housing
- On/Off feature available
- No on-site device programming required
- Device ships pre-programmed to user parameters

Specifications

DIMENSIONS
1.6875” diameter, .625” width
CASE
Polycarbonate/ABS plastic/Lexan®
WEIGHT
Approximately .4 oz.
OPERATING TEMPERATURE
0° to 50° Centigrade
BATTERY TYPE
Standard CR 2032 coin cell battery or approved equal
DATA TRANSMISSION SETTINGS
PAN ID, Ch 1-10, power +1dBm to -25dBm

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60008 | Two Button Round Tag

The 60008 Two Button Round Tag is designed for operation within the ATLAS system architecture. This feature rich, reduced size tag is designed to provide staff, patients and vendors a lower cost alternative to the ruggedly constructed standard 60001 Heavy Duty Tag.

Like the standard Heavy Duty Tag, the 60008 utilizes a 2.4 GHz radio to accurately determine its location. This tag also uses the same channel to transmit alarm data. The buttons on the 60008 can be depressed by a user singularly or in combination to provide different functionality responses as defined by the user. This device can be carried in a variety of positions, on its own with clip, or with an optional rubberized carrier (not shown).

Features & Benefits

- Lower cost, feature rich and smaller form factor than part 60001
- Communicates with ATLAS® LDN field devices via 2.4GHz spectrum transmission
- Reliable data transmission between 60008 and LDN at a minimum of 50 feet
- Extended battery life
  *(Up to 1.5 years, depending on user preferences and deployment profile *)*
- Low battery notification both on device and via transmission to ATLAS® system head end
- Unique device ID within installation environment
- Water resistant housing
- On/Off feature available
- No on-site device programming required
- Device ships pre-programmed to user parameters
- Two LED indicators for on-device user notifications

Specifications

DIMENSIONS	1.6875" diameter, .625" width
CASE	Polycarbonate/ABS plastic/Lexan®
WEIGHT	Approximately .4 oz.
OPERATING TEMPERATURE	0° to 50° Centigrade
BATTERY TYPE	Standard CR 2032 coin cell battery or approved equal
DATA TRANSMISSION SETTINGS	PAN ID, Ch 1-10, power +1dBm to -25dBm

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

MADE IN THE USA

60017 | Low Security Patient Tag

The 60017 Low Security Patient Tag is designed for operation within the ATLAS system architecture. This simple, reduced sized tag is designed to provide ATLAS installation the capability of tracking assets, personnel or patients in real time (RTLS).

Like all ATLAS devices, the 60017 utilizes a 2.4 GHz radio to accurately determine its location. The device can be carried on its own, affixed to the asset to be tracked or worn in a variety of positions utilizing the rubberized case (shown in picture).

Features & Benefits

- Communicates with ATLAS® LDN field devices via 2.4GHz spectrum transmission
- Provides Low cost "tracking-only" capabilities for ATLAS® users
- Reliable data transmission between the 60017 and LDN at a minimum of 50 feet
- Extended battery life
  *(Up to 1.5 years, depending on user preferences and deployment profile *)*
- Low battery notification both on device and via transmission to ATLAS® system head end
- Unique device ID within installation environment
- Water resistant housing
- On/Off feature available
- No on-site device programming required
- Device ships pre-programmed to user parameters

Specifications

DIMENSIONS
1.6875" diameter, .625" width
CASE
Polycarbonate/ABS plastic/Lexan®
WEIGHT
Approximately .4 oz.
OPERATING TEMPERATURE
0° to 50° Centigrade
BATTERY TYPE
Standard CR 2032 coin cell battery or approved equal
DATA TRANSMISSION SETTINGS
PAN ID, Ch 1-10, power +1dBm to -25dBm

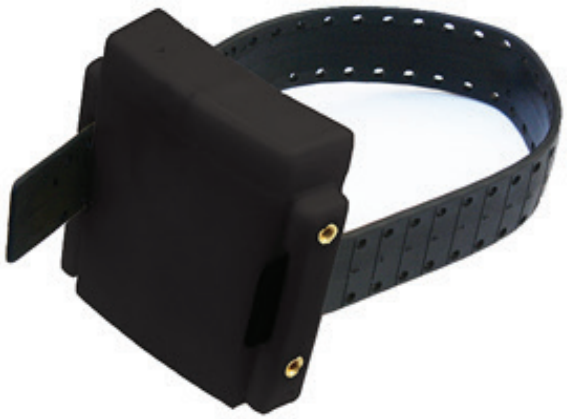
*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60018 | High Security Tag

The 60018 High Security Tag is designed for operation within the ATLAS system architecture. This high impact, tamper proof tag is designed to prevent removal and provide accurate real time location information. Additionally, the 60018 can provide valuable information for automated correctional workflows from movements and transports to medication passes, headcounts, and more.

The High Security Tag utilizes a 2.4 GHz radio and transmits its unique ID to provide location within the ATLAS network. The device ships with 1 cut to length, tamper resistant band.



Features & Benefits

- Communicates with ATLAS® LDN field devices via 2.4GHz spectrum transmission
- Reliable data transmission between 60018 and LDN at a minimum of 50 feet
- Extended battery life
  *(Up to 1.5 years, depending on user preferences and deployment profile *)*
- Low battery notification both on device and via transmission to ATLAS® system head end
- Unique device ID within installation environment
- IP67 Rated Housing
- Both cut-band alarm and capacitive sense alarm included
- No on-site device programming required. Device ships pre-programmed to user parameters

Specifications

DIMENSIONS	3” length, 3” width, .75” depth
CASE	Polycarbonate/ABS plastic/Lexan®
WEIGHT	Approximately .6 oz.
OPERATING TEMPERATURE	0° to 50° Centigrade
BATTERY TYPE	2x AAA Duracell battery or approved equal
DATA TRANSMISSION SETTINGS	PAN ID, Ch 1-10, power +1dBm to -25dBm

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

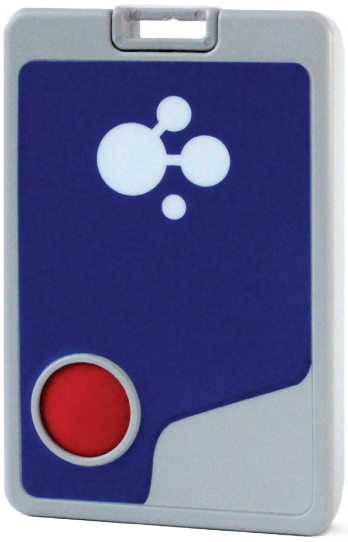
Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

MADE IN THE USA

60019 | Badge Holder Tag

The 60019 Badge Holder Tag is designed for operation within the ATLAS system architecture. This dual function transmitter is designed to provide staff, patients and vendors an alternative to a hand-held or belt clipped duress device.

Like the standard Heavy Duty Tag, the Badge Holder Tag utilizes a 2.4 GHz radio to accurately determine its location. This transmitter also uses the same channel to transmit alarm data. The device design includes a secure housing for a standard ID badge as well as button and pull-cord duress notification. Ships with a nylon lanyard (device and lanyard are shown in picture).



Features & Benefits

- Lower cost, feature rich and smaller form factor than part 60001
- Communicates with ATLAS® LDN field devices via 2.4GHz spectrum transmission
- Reliable data transmission between 60019 and LDN at a minimum of 50 feet
- Extended battery life
  *(Up to 1.5 years, depending on user preferences and deployment profile *)*
- Low battery notification both on device and via transmission to ATLAS® system head end
- Unique device ID within installation environment
- Water resistant housing
- On/Off feature available
- No on-site device programming required
- Device ships pre-programmed to user parameters
- Two LED indicators for on-device user notifications
- Button and pull-cord activation

Specifications

DIMENSIONS
1.6875” diameter, .625” width
CASE
Polycarbonate/ABS plastic/Lexan®
WEIGHT
Approximately .4 oz.
OPERATING TEMPERATURE
0° to 50° Centigrade
BATTERY TYPE
Standard CR 2032 coin cell battery or approved equal
DATA TRANSMISSION SETTINGS
PAN ID, Ch 1-10, power +1dBm to -25dBm

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Work-flow | Improve Safety | Valuable Data

MADE IN THE USA

20118L/F RF | Wall Mount Push Button

The 20118L and 20118F RF Wall Mount Push Button transmitters allow easy access in emergency situations. Pressing the latching button will send an alarm to the Crisis Controller® software showing the alarm location or individual information.

The device comes with an LED backlit button that lights up when the button is latched and sending an alarm transmission. The transmitters are fully supervised for any malfunctions and low battery condition.

Features & Benefits

- Dual Band RF Transmitter
- Able to Transmit in the Harshest RF Environments
- Compatible With ATLAS® System Components
- Single Push Latching and Unlatching With LED Backlight
- Long Range Transmission
- Constructed Using Heavy Duty ABS Plastic
- Extended battery life
  *(Up to 1 year, depending on user preferences and deployment profile *)*
- Full transmitter supervision includes alarms for low battery and inactivity
- Returns accurate RF location and tracking information
- Easy installation
- Available in flush or surface mount
- Also available as stainless steel plate and button for low profile installation

Specifications

DIMENSIONS	6.25” x 3” x 1.625” (HxWxD)
CASE	Polycarbonate/ABS plastic Data
WEIGHT	6 ounces *(approximate weight with transmitter attached)*
OPERATING TEMPERATURE	0° to 50° Centigrade
BATTERY TYPE	3 V Lithium Battery, Duracell123A/Panasonic 9V
CURRENT CONSUMPTION	114 mA average *(dependent on programmed features)*

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

MADE IN THE USA

20118M RF | RF Stainless Steel Wall Mount Push Button

The 20118M Wall Mount Push Button transmitters allow easy access in emergency situations. Pressing the latching button will send an alarm to the Crisis Controller® software showing the alarm location or individual information.

The device includes an LED backlit button that lights up when the button is latched and sending an alarm transmission. Transmitters are fully supervised for any malfunction and low battery condition.

Features & Benefits

- Dual Band RF Transmitter
- Able to Transmit in the Harshest RF Environments
- Compatible With PALS® ATLAS System Components
- Single Push Latching and Unlatching With LED Backlight
- Long Range Transmission
- Constructed Using Heavy Duty ABS Plastic
- Extended Battery Life
  (Up to 12 Months Depending on Features and Usage)
- Full Transmitter Supervision Includes Alarms for Low Battery and Inactivity
- Returns Accurate RF Location and Tracking Information
- Easy Installation
- Available in Flush or Surface Mount, also available as Stainless Steel Plate and Button for Low Profile Installation

Specifications

DIMENSIONS
6.25” x 3” x 1.625” (HxWxD)
CASE
Polycarbonate/ABS plastic/Lexan®
WEIGHT
9 ounces *(approximate weight with transmitter attached)*
OPERATING TEMPERATURE
0° to 50° Centigrade
BATTERY TYPE
3 V Lithium Battery, Duracell123A/Panasonic 9V
CURRENT CONSUMTION
114 mA average, dependent on programmed features
ANTENNA INTERNAL
902 to 928 MHz, 250 mW radiated power
MATERIAL
Single Gang ABS Plastic Plate w/ nylon pull cord

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

20119-RF | Emergency Slide Switch Fixed Wall Mount

The 20119 Emergency Slide Switch Fixed Wall Mount transmitter allows easy access in an emergency situation. With the simple pull of the nylon cord or by sliding the latch mechanism down, an alarm condition is sent to the Crisis Controller® software showing alarm location or individual information. The unit will also show a pending reset condition when the latch is in an open position.

Features & Benefits

- Dual Band RF Transmitter
- Able to Transmit in the Harshest RF Environments
- Compatible With PALS® ATLAS System Components
- Single Push Latching and Unlatching With LED Backlight
- Long Range Transmission
- Constructed Using Heavy Duty ABS Plastic
- Extended Battery Life
  (Up to 12 Months Depending on Features and Usage)
- Full Transmitter Supervision Includes Alarms for Low Battery and Inactivity
- Returns Accurate RF Location and Tracking Information
- Easy Installation
- Available in Flush or Surface Mount

Specifications

DIMENSIONS
1.6875” diameter, .625” width
CASE
Polycarbonate/ABS plastic/Lexan®
WEIGHT
Approximately .4 oz.
OPERATING TEMPERATURE
0° to 50° Centigrade
BATTERY TYPE
Standard CR 2032 coin cell battery or approved equal
DATA TRANSMISSION SETTINGS
PAN ID, Ch 1-10, power +1dBm to -25dBm

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

MADE IN THE USA

60003C | Location Device Node
Ceiling Mount

The 60003C Location Device Node (LDN) monitors multiple 2.4 GHz RF channels from tag transmissions to determine accurate Heavy Duty Tag proximity. Locators maintain radio communication with the Crisis Controller Software via 900MHz. This device is intended for ceiling or wall mount positions and provides antenna angle placements from 15, 30 or 45 degrees.

Features & Benefits

- Able to receive/transmit in the harshest RF environments
- Monitors RF transmission from Heavy Duty Tags
- Long range transmission
- Capable of varying granularity
- Mounts to a standard US 2 gang box
- Retrofits 100% to PALS 9000 IR device housings utilizing the same power
- Dual band RFID locating device
- Compatible with ATLAS and PALS 9K system components
- Over 65,000 programmable location codes
- Returns accurate RF location and tracking information
- Easy installation
  (consult installation manual for outdoor/high moisture applications)
- Adjustable detection range

Specifications

DIMENSIONS
5” x 6” x 5” (HxWxD)

WEIGHT
8 ounces

POWER REQUIREMENTS
9 to 24 VDC

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60003LP | Location Device Node
Low Profile Ceiling Mount

The 60003LP Location Device Node (LDN) monitors multiple 2.4 GHz RF channels from tag transmissions to determine accurate tag proximity. Locators maintain radio communication with the Crisis Controller Software via 900MHz. This device is intended for ceiling mount or wall mount positions and provides antenna angle placements of zero (parallel) and 15 degrees from the mounting surface. The low profile cover is an alternative to the box style cover used with the 60003C.

Features & Benefits

- Able to receive/transmit in the harshest RF environments
- Monitors RF transmission from Heavy Duty Tags
- Long range transmission
- Capable of varying granularity
- Mounts to a standard US 2 gang box
- Retrofits 100% to PALS 9000 IR device housings utilizing the same power
- Dual band RFID locating device
- Compatible with PALS system components
- Over 65,000 programmable location codes
- Returns accurate RF location and tracking information
- Easy installation
  (consult installation manual for outdoor/high moisture applications)
- *Adjustable detection range*

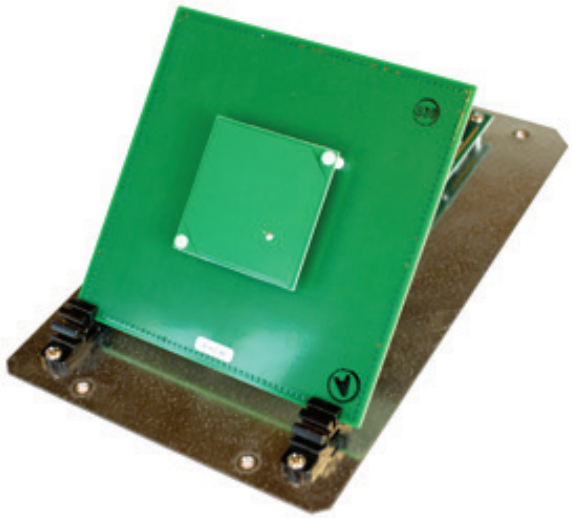
Specifications

DIMENSIONS
Refer to page 2 of 60003LP data sheet for measurements
OPERATING TEMPERATURE
0 to 50 degrees Centigrade
WEIGHT
8 ounces
POWER REQUIREMENTS
9 to 24 VDC
POWER CONSUMPTION
32mA *(Refer to page 2 LDN Power Consumption graph for start up voltage)*
RF DETECTION RANGE
Up to 100 feet *(dependent on installation height and structure characteristics)*
WIRING REQUIREMENTS
2 conductors, 22 AWG minimum, 18 AWG maximum

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60003W | Location Device Node
Wall Mount

The 60003W Location Device Node (LDN) monitors multiple 2.4 GHz RF channels from tag transmissions to determine accurate tag proximity. Locators maintain radio communication with the Crisis Controller Software via 900MHz. This device is intended for wall mount positions and provides antenna angle placements of 15, 30, 45, 75 and 90 degrees from the mounting surface.



Features & Benefits

- Compatible with the PALS® 9K systems and Crisis Controller® Software
- Able to transmit in the harshest RF environments
- Long range transmission
- *Allows use of two call cables*
- Extended battery life
  (up to 48 months depending on features and usage)
- Full transmitter supervision includes alarms for low battery, tamper, and inactivity
- Returns accurate RF location
- Easy Installation
  (consult installation manual for outdoor/high moisture applications)
- Back tamper for tamper protection

Specifications

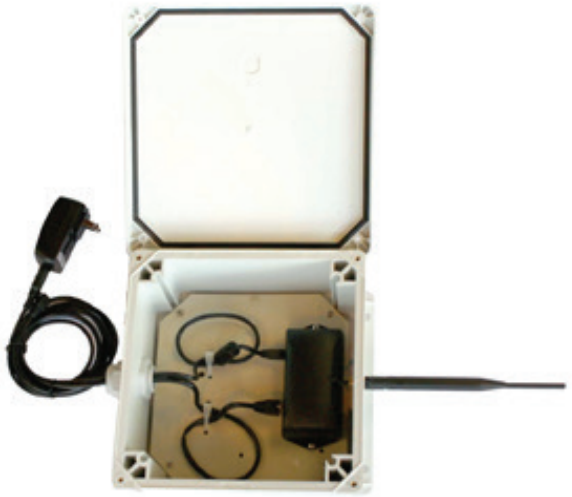
DIMENSIONS
5” x 6” x 5” (HxWxD)
OPERATING TEMPERATURE
0 to 50 degrees Centigrade
WEIGHT
8 ounces
POWER REQUIREMENTS
9 to 24 VDC
POWER CONSUMPTION
180mA *(Refer to page 2 LDN Power Consumption graph for start up voltage)*
RF DETECTION RANGE
Up to 40 feet *(dependent on installation height and structure characteristics)*
WIRING REQUIREMENTS
2 conductors, 22 AWG minimum, 18 AWG maximum *(consult a qualified electrical engineer for wiring gauge appropriate for voltage/current consumption)*

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

MADE IN THE USA

60004 | Mini Gateway Ethernet
MGE

The 60004 Mini Gateway Ethernet (MGE) directs access to the ATLAS wireless system through an Ethernet interface. The MGE receives data from Locators and Tags. The Gateway shuttles data between Locators and tags, and the Crisis Controller Software.



Features & Benefits

- Ethernet Interface: RJ-45 connector / 10/100 Mbps data rate
- External 5V power supply
- Able to receive/transmit in the harshest RF environments
- Monitors RF transmission from Heavy Duty Tags and FPTs
- Monitors RF transmission from LDNs
- Compatible with PALS system components
- Comes in weather proof enclosure (8” x 8” x 4”)

Specifications

DIMENSIONS	2.3” x 4.9” x 3.3” (HxWxD)
CASE	Polycarbonate/ABS plastic/Lexan®
WEIGHT	8 ounces
POWER REQUIREMENTS	5V 500mA, *(External 5V power supply is provided)*
ETHERNET INTERFACE	RJ-45
DATA RATE	10/100 Mbps
OPERATING TEMPERATURE	0 to 50 degrees Centigrade

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

70101 | Heavy Duty Tag Test Station Kiosk

The 70101 Heavy Duty Tag Test Station Kiosk provides end users with an easily accessible location to quickly test a Heavy Duty Tag. ADA compliant screen placement can range from 52" to 48" in height, providing self-service options for your ATLAS and PALS 9K users. The kiosk communicates directly with the Crisis Controller Software and can be installed as a standalone unit, or in multiple locations at your facility.

Features & Benefits

- Compatible with the ATLAS and PALS 9K systems and Crisis Controller Software
- Easy Installation and Programming
- Test results are immediately displayed on kiosk monitor following testing
- Durable steel enclosure

Computer Specifications

MEMORY	2GB DDR3 SDRAM
OPERATING SYSTEM	Windows 7 Professional
NETWORK	Gigabit ethernet
VIDEO	VGA
I/O	USB - minimum four ports
KEYBOARD	PS2 or USB
MOUSE	PS2 or USB
WEIGHT	25 Pounds

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

70104 | Rack Mount Computer

The 70104 Rack Mount Computer is recommended for installations which require centralized server/computer racks for security electronics system monitoring or additional redundancy. The 70104 includes preloaded Crisis Controller software and can be used as a standalone CPU or in conjunction with multiple networked CPUs running the Crisis Controller software. Refer to minimum specification listed below. (Actual computer may not match image.)

Specifications

DIMENSIONS	2 or 3U x 19"; approximately 24" deep *(or acceptable alternative)*
WEIGHT	30-45 lbs
CPU	No less than 2.8 GHz P4 (Intel i5 2300 3.1GHz)
MEMORY	4 GB RAM
HARD DRIVE	120 GB
OPTICAL DRIVE	DVD-ROM or CD-RW
SOUND	Standard sound car
SERIAL PORTS	At least one RS232 Serial Port
PCI EXPANSION	At least two PCI expansion slot
USB PORTS	At least one USB 2.0 Compliant Por
OPERATING SYSTEM	Windows® 7 Professional or Windows Server 2008

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60330/60525 | PALS® ATLAS Alert Network Station

The Alert Network Station includes Actall' s Crisis Controller ® software program, which is a 900 MHz spread spectrum technology radio frequency (RF) based monitoring system. Alarm information can be displayed on a monitor showing pertinent information such as ID number, alarm zone or location, alarm type, graphical mapping, automatic paging, and the date/time the alarm was sent. This station is networked to the Main Monitoring Center CPU using standard 10/100 Ethernet connection utilizing a shared database. This station can be taken in or out of alarm monitoring mode which enables system supervisors to make changes to the system without stopping Alarm Monitoring on other monitoring stations. System supervisor can make changes on this station to the programming of RF transmitters, IR Locators, assignment of hardware used in the Crisis Controller® system. The Network Station is an IBM compatible Pentium 4 system pre-installed with Windows® XP a 17 "SVGA Monitor, PALS ® Hardware Key, 100Mbps Network Card and Multi Media Speakers completes the package.

Features & Benefits

- User friendly Windows® XP compatible
- Capable of handling over 65,000 transmitters
- Graphical User Interface (GUI) for site and building mapping
- Fully supervises all hardware related equipment for fault indication
- Software allows for alarm location, and automatic alarm notification paging
- Multiple CPU point capability via dedicated hard-wired LAN network

Specifications

For more information about standard head-end components please see data sheets for the following items:

70100
PALS® Monitoring Center CPU
70201
Alert Communicator Board
70320
Crisis Controller® CPU watchdog
60201
E-Series Serial Receiver Assembly

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

35200 | Barcoding Software

The 35200 - Barcoding Software / Wasp Bar Code Labeler v6 software is the world's leading barcode design software. Version 6 creates barcode labels quickly and easily. Manually input or easily connect to an external data source to obtain your label data. Labeler v6 includes a Wizard interface, allowing you to quickly create inventory, asset, and many other labels.

Features & Benefits

- View data at design time
- Combine data from multiple tables
- Export barcode as an image
- Enhances serialization by numbering through auto increment, alphabetic and user defined lists
- Allows connections to any ODBC database
- Allows native data import from Access, Excel, Paradox, dBase, QuickBooks, and others
- Sort and filter data records

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

30010/30020 | Crisis Controller® Software Versions

30010 Crisis Controller® 5.x Basic
Crisis Controller® Basic Version software includes license for one (1) computer and up to 50 RF Tags.

30020 Crisis Controller® 5.x Advanced
Crisis Controller® Advanced Version software includes licensing for two (2) computers and up to 100 RF Tags.

Available Upgrades

31010 Up to 100 RF transmitters	32010 Network licensing for 2 to 5 workstations
31020 Up to 250 RF transmitters	32020 Network licensing for 2 to 10 workstations
31030 Up to 500 RF transmitter	32030 Network licensing for 6 to 10 workstations, add on for 32010
31040 Unlimited RF transmitters	

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60850 | Solar Panel

The 60850 Solar Panel is an add-on feature that allows a 60220 Wireless Repeater or 60405 Wireless RF Locator to be installed in remote areas where 110/220 VAC power is not accessible. It comes complete with pole mounting hardware, battery and power distribution circuitry (PDC). The Solar Panels are encapsulated in UV stabilized polymers and framed by an anodized aluminum housing with a coated Galvalume steel back plate to provide maximum durability. Simply connect the wires to the visibly marked terminals and aim the Solar Panel in the correct direction and angle.

Features & Benefits

- Compatible with the ATLAS and PALS® 9K/L2L and RAS 2000 systems
- Compatible with Actall's 60220 Wireless Repeater and 60405 Wireless RF Locator
- Quick and easy installation
- Manufactured with proprietary Triple Junction silicon cells making it lighter and more flexible than conventional solar cells
- High output panels available upon request for geographical areas with low sunlight

Specifications

FREQUENCY
900 MHz
DIMENSIONS
2.2" x1 .9" x 0.72" (LxWxH)
BATTERY
Included
BATTERY LIFE
4 Years

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

91901 | Page Alert 2 Watt Tag

The 91901 Page Alert 2 Watt Page Tag is an add-on unit that allows immediate alarm notification to security or emergency care personnel. Combined with at least one 90149 Motorola Advisor Gold Pager and the PALS® or Resident Alert systems, help can be summoned with just the push of a button. The Page Alert sends a full alphanumeric stream of data informing the paging recipient of the exact location and condition of the emergency.

Features & Benefits

- Compatible with all Actall Corp. products and systems
- Quick and easy installation
- Small and compact
- Communicates with the computer at 9600 baud
- POCSAG 1200 compatible
- Available with high gain output antenna for extended range *(Rubber Duck Antenna included)*
- Paging frequencies available on FCC Shared Use Frequency Program where no license is required

Specifications

DIMENSIONS	Height: 4.25” Width: 2.25” Depth: 1.25
CASE	Polycarbonate/ABS plastic/Lexan®
WEIGHT	6 oz.
OPERATING CURRENT	1.2 Amps
FREQUENCY	467.8
RATED POWER	2 Watts
OPERATING RANGE	40 to +85 degrees Centigrade

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

MADE IN THE USA

91902 | Page Alert 5 Watt Page Tag

The 91902 Page Alert 5 Watt Page Transmitter is a hardware upgrade that allows immediate alarm notification to security or emergency care personnel. Combined with the PALS® 90149 Motorola Advisor Gold Pager and the PALS® 9000 system, help can be summoned with just the push of a button. The Page alert sends a full alphanumeric stream of data informing the paging recipient of the exact location and condition of the emergency.

Features & Benefits

- Compatible with all Actall Corporation PALS systems
- Quick and Easy Installation
- Small and Compact
- Communicates with the computer at 9600 baud
- POCSAG 1200 Compatible
- Available with high gain output antenna for extended range *(comes standard with rubber duck antenna)*
- Paging frequencies available on FCC Shared Use Frequency Program where no license is required

Specifications

DIMENSIONS
Dimensions: HxWxD 7.25” x 6.25” x 2.25”
OPERATING CURRENT
1.2 Amps
WEIGHT
1.5 lbs
OPERATING TEMPERATURE
40° to 85° Centigrade
FREQUENCY
460-470 (user specified)
RATED POWER
5 Watts
OPERATING VOLTAGE
9 VDC

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

91903 | Paging Data Receiver

The 91903 Paging Data Receiver is a compact high performance receiver module which is ideal for remote control, one-way telemetry, and wide-area wireless messaging. The device is capable of receiving alpha-numeric messages up to 2000 characters long and is directly compatible with LED message boards. Typically used as a module with the Crisis Controller® software to expand alarm notification throughout a facility.

Features & Benefits

- 1 relay output port, configurable as automatically or command code controlled
- Receives 512, 1200, or 2400 baud POCSAG
  (applies only to POCSAG Model)
- RS-232 port for data output
- Compact size
- Activity and Power LED
- Receives alpha or numeric message
- Timed or static digital output when relay output is used
- Positive lock connectors
- Wall mountable case
- Can be used with LED message boards
- Two LED indicators for on-device user notifications

Specifications

DIMENSIONS
3.70” x 5.75” x 1.33” *enclosure, not including connectors or antenna.*
CASE
Polycarbonate/ABS plastic/Lexan®
WEIGHT
Approximately .4 oz.
OPERATING TEMPERATURE
10 to +60 degrees Centigrade

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

70201/70202/70203 | Alert Communicator Board

The Alert Communicator Board is an expansion device allowing an additional 2, 4 or 8 serial ports The Alert Communicator Board provides 25 pin D connectors and can be used with serial devices such as relay cards, camera switchers, Stentofon, PLC interfaces and much more.

Features & Benefits

- Compatible with PALS® 9000/L2L and RAS 2000 Systems
- Allows 4 to 8 additional receiver ports
- Alert Board is pre-installed into the Alert Monitoring Center.

Specifications

PHYSICAL INTERFACE	DB-9 Male
ELECTRICAL INTERFACE	RS-232
MAX DATA RATE	460.8 kbps

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

704XX/704XX-T | Display Monitor

The 704XX is a Flat Panel Monitor.
The 704XX-T is a Flat Panel Touchscreen Monitor.

Monitors are used in conjunction with the Crisis Controller® Alert Monitoring Center and are available in sizes ranging from 17" to 32" with larger sizes available by request. Please contact Actall if you have any questions on what type or size of monitor would best fit your needs.

Monitors

- **17"** - 70417
- **19"** - 70419
- **21"** - 70421
- **27"** - 70427
- **32"** - 70432

Touch Screen Monitors

- **19"** - 70419-T
- **21"** - 70421-T
- **27"** - 70427-T
- **32"** - 70432-T

Specifications

SCREEN AREA 17" to 32"	**MIN ASPECT RATIO** 4:3 *(may vary based on screen size and manufacturer spec)*
INTERFACE VGA	**MIN CONTRAST RATIO** 300:1 *(may vary based on screen size and manufacturer spec)*
MIN COLOR DEPTH 16.7 Million Colors	**MIN BRIGHTNESS** 230 *(may vary based on screen size and manufacturer spec)*
MIN OPTICAL RESOLUTION 1024 x 768 *(may vary based on screen size and manufacturer spec)*	**MIN VIEWING** 140 Horizontal / 110 Vertical *(may vary based on screen size and manufacturer spec)*

Accurate Location | 24/7 Support | Affordable System | Optimize Workflow | Improve Safety | Valuable Data

60613 | HDT Programmer

The 60613 HDT (Heavy Duty Tag) Programmer is used to program options and features into Actall's Heavy Duty Tag (Actall Part # 60001). It is connected to the Alert Monitoring Center via USB connection. The Alert Programmer is easy to install with plug in connectors to the HD Tags and the CPU. Easy to use parameters in the Crisis Controller® software offers the programmer fast and efficient on-site programming capabilities.

Features & Benefits

- Compatible with PALS® ATLAS Heavy Duty Tags (Part 60001)
- Fully ready to operate with USB connection and programming cables to HDTs
- Constructed of heavy duty ABS plastic
- All parameters can be programmed via the Crisis Controller® software
- No disassembly of HDTs is required
- User friendly Crisis Controller® software

Specifications

DIMENSIONS	Height: 2.750" Width: 2.875" Depth: .750"
WEIGHT	Approximately 18 oz.
POWER REQUIREMENTS	Powered via USB interface
CABLES	6' cable with .125" phono plug & female USB connector
CONNECTION	Plugs directly into CPU USB port and programming port of Heavy Duty Tag

*Battery Life when deployed will vary as a function of duty time used, frequency of alarm transmissions sent, LED brightness/frequency, location broadcast interval settings and environmental conditions at your site. Based upon 240mAh CR 2032 (Energizer). Ask your Actall Sales Representative for more details.

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