

60003C

Ceiling Mount Locator

ATLAS SENTRY™ LOCATOR

The 60003C Locator monitors multiple 2.4 GHz RF channels for tag transmissions to determine accurate device proximity. This Locator maintains radio communication with the Gateway via 900MHz LoRa. When coupled with a head end, the 60003C provides the operating muscle to provide timely and accurate location information. This device is intended for ceiling mount positions only and provides antenna angle placements of 15, 30, and 45 from the mounting surface.

FEATURES & BENEFITS

- ✓ Able to receive/transmit in the harshest RF environments
- ✓ Monitors RF transmission from Tags
- ✓ Long range transmission
- ✓ Capable of varying granularity due to adjustable detection range
- ✓ 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 ACTALL ATLAS™ system components
- ✓ Over 65,000 programmable location codes
- ✓ Returns accurate RF location and tracking information
- ✓ Full transmitter supervision includes alarms for low battery & inactivity
- ✓ Easy installation (consult installation manual for outdoor/high moisture applications)

PRODUCT SPECIFICATIONS

DIMENSIONS	9" x 6" x 5" (HxWxD)	OPERATING TEMPERATURE	-30° to 85° Celsius
WEIGHT	26 ounces	OPERATING HUMIDITY	20% to 90%
POWER REQUIREMENTS	12 VDC	WIRING REQUIREMENTS	2 conductors, 22 AWG minimum, 18 AWG maximum (consult a qualified electrical engineer for wiring gauge appropriate for voltage/current consumption)
POWER CONSUMPTION	Peak: 400mA · Continuous: 32mA		
RF DETECTION RANGE	Up to 250 feet (dependent on tag output power, installation height, and structure characteristics)		

SCREW REQUIREMENTS

Security screws for mounting locator domes do not ship with locators. The size required is 10-32 x 7/16". Actall recommends McMaster Carr PN 92949A264.



Fig. 1 — 60003C Ceiling Mount Locator, shown with dome and mounting plate.

TAG MONITORING
2.4 GHz RF

GATEWAY LINK
900MHz LoRa

DETECTION RANGE
Up to 250 feet

LOCATION CODES
Over 65,000