AMTL-UHF-10

UHF Standalone Reader Terminal

AMTL-UHF-10

AMTL-UHF-Mini Tag

AMTL-UHF-Tag

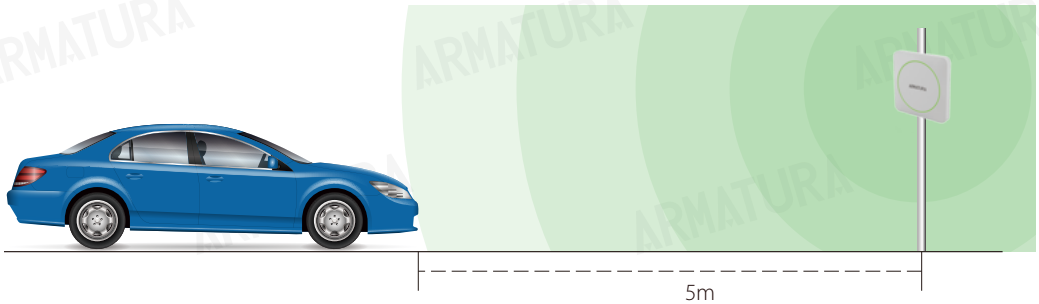
AMTL-UHF-10: UHF Standalone Reader Terminal
AMTL-UHF-10F Pro is suitable for FCC: 902MHz-926MHz
AMTL-UHF-10E Pro is suitable for: 865MHz-868MHz

Features

Wide Reading Range: Stable range of 0–16.4ft (0–5m).
Rugged Design: IP66-rated for dustproof and waterproof protection.
Interactive LED Design: RGB LEDs provide intuitive visual feedback.
Flexible Frequency Options: F Series: 902–926MHz (FCC compliant) and E Series: 865–868MHz.

Wide Reading Range:

The AMTL-UHF-10 features a stable reading range of 0–16.4ft (0–5m), ensuring accurate and reliable detection of RFID tags. This long-range capability makes it ideal for various applications, including access control and parking management, where dependable and consistent performance over an extended range is crucial for seamless operation.

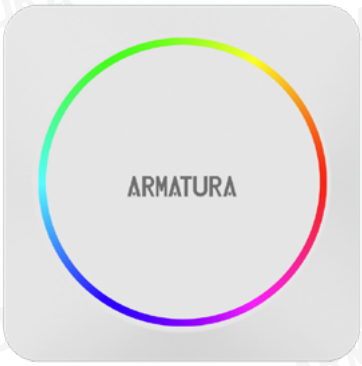


Rugged Design:

Designed to withstand harsh environmental conditions, the AMTL-UHF-10 is IP66-rated, ensuring complete dustproof and waterproof protection. This robust construction guarantees reliable performance in outdoor or industrial settings, even in challenging weather conditions such as rain, dust storms, or high humidity, making it suitable for long-term, durable deployment in demanding environments.

Interactive LED Design:

Equipped with RGB LED indicators, the AMTL-UHF-10 offers intuitive visual feedback for various operational states, such as successful reads, errors, or system status. This feature enhances user interaction, simplifies troubleshooting, and ensures real-time communication, making it easier for users to monitor and manage the device in different scenarios.



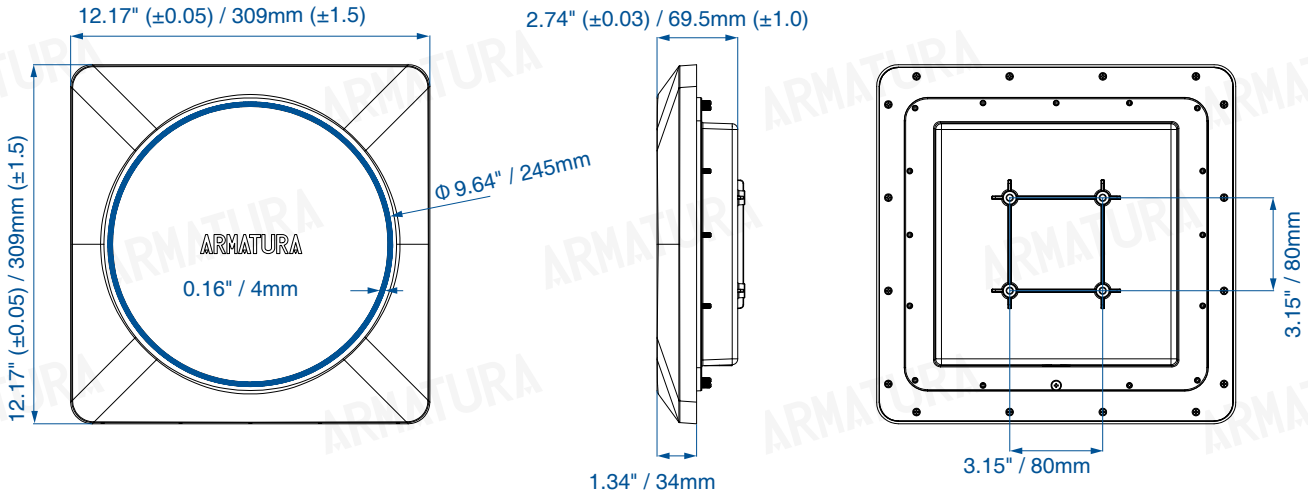
Flexible Frequency Options:

The AMTL-UHF-10 supports multiple frequency bands, ensuring compatibility with global standards. The F Series operates at 902–926MHz (FCC compliant), while the E Series operates at 865–868MHz. This exibility allows the device to be used in diverse regions, catering to various regulatory requirements and ensuring seamless integration into global systems.

AMTL-UHF-10F Pro
(902-926MHz)

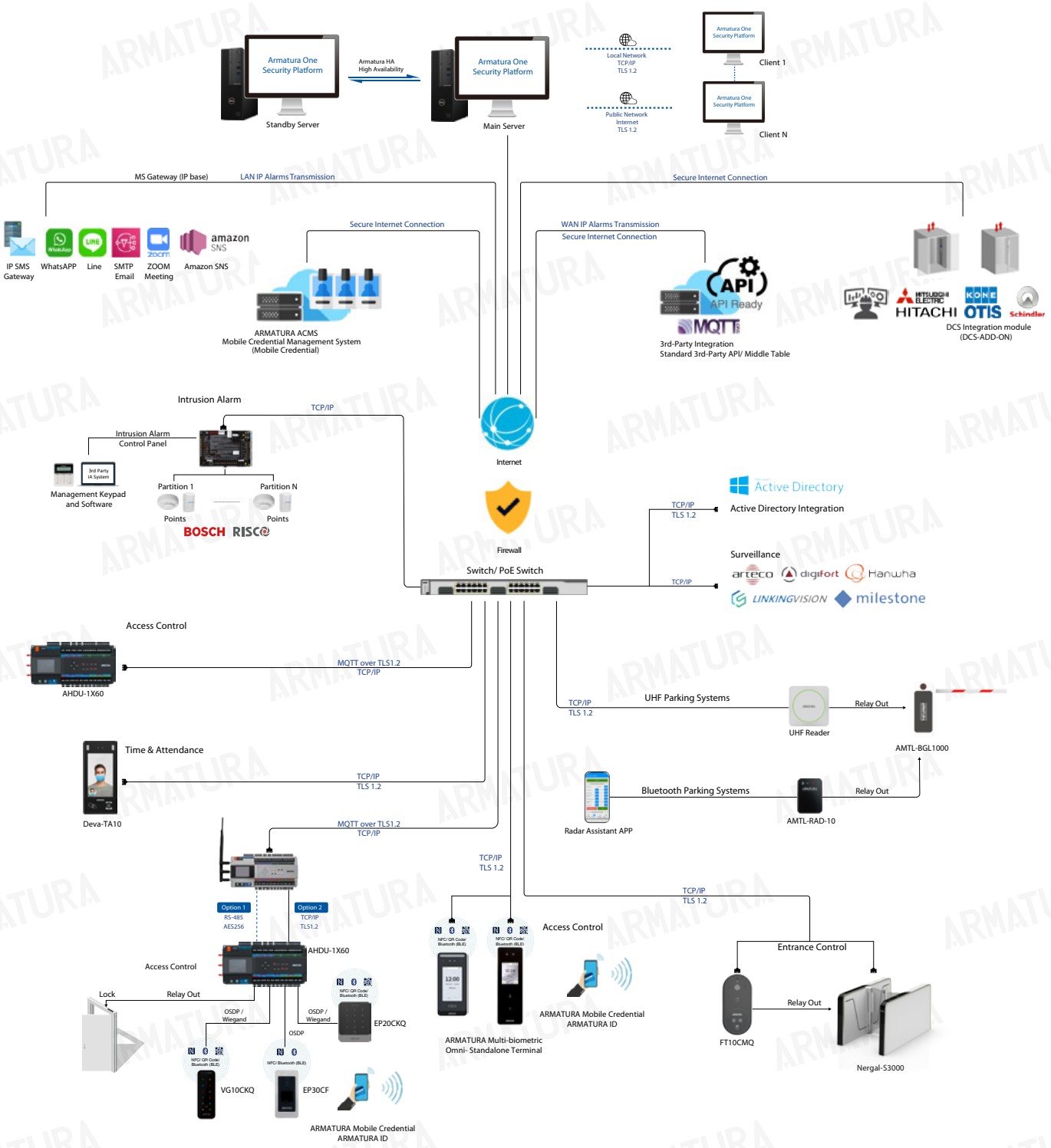
AMTL-UHF-10E Pro
(865-868MHz)

Dimensions



Specifications	
General Information	
Primary Power	12 VDC (3A min @12V)
Ethernet Network	10 Base-T/100 Base-TX, Auto MDI/MDIX
Communication	TCP/IP
Ports	Ethernet, Relay, Wiegand, USB, Button, Sensor
Inputs	Wiegand*1, Button*1, Sensor*1
Outputs	2 Relays with dry contacts (Parking Barrier, Lock, Alarm)
Audio Indicator	Internal Buzzer
Visual Indicator	RGB LEDs
Operating	Frequency F Series: 902MHz–926MHz (FCC compliant) E Series: 865MHz–868MHz
UHF Card Capacity	5,000 (1:N)
Transaction Buffer	Records: 30,000
On-Board Access Point Control	1 Access Point on Board
Cable Requirements	
Power & Relays	Twisted pair, 18 to 16 AWG
Ethernet	CAT-5E, Wire diameter (24AWG), maximum 330ft (100m)
Wiegand Port	20 AWG shielded, 164ft (60m)
Mechanical	
Dimensions	12.17" x 12.17" x 2.74" (309 x 309 x 69.5mm)
Weight	3.2KG
Mounting	Suited for any at surface mounting
Housing Material	Polycarbonate
Environmental	
Operating Voltage	DC 9V–12V
Operating Current	150mA (Always reading)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Operating Humidity	<95% (77°F / 25°C)
Protection Level	Weather & Dust Proof (IP66 compliant)
Certifications	CE, FCC
Software Interface	
TCP/IP Mode	10 Base-T/100 Base-TX, Auto MDI/MDIX
TCP/IP Protocol	VLAN, SSH, HTTP, IPv4, DNS
TCP/IP Communication	Push Protocol over HTTP/HTTPS
Supported Software	Armatura One Security System

Configuration



ARMATURA

Address:190 Bluegrass Valley Parkway Alpharetta, GA 30005
Phone: +1-650-4556863
Email: sales@armatura.us
Website: www.armatura.us