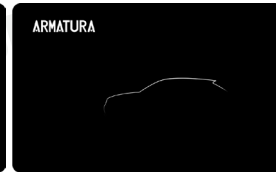# ARMATURA

AMTL-UHF-Mini Tag

AMTL-UHF-Tag

AMTL-UHF-10

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

AMTL-UHF-10 is a long-range RFID reader for access control. The design of this UHF standalone reader terminal is an upgraded version of AMTL-UHF-10. LED interactive experience in different scenarios, and easy to operate. Supports Armatura One Security Platform, can debug parameters on the reader web, and reached IP66 protection level rating for waterproof and dust proof.
AMTL-UHF-Tag and AMTL-UHF Mini Tag is an ultra-high frequency chip card with higher reading rate, long reading distance, high security, expandable storage, and better sensitivity. These two tags can be used with UHF reader.

Standard Application

Armatura One Security Platform
Web-Based Versatile Security Platform

Armatura One is the ultimate "All-in-One" web-based security platform developed by Armatura. It contains multiple integrated modules: Personnel, Access Control, Time & Attendance, Elevator, Visitor, Parking Management, Video Management System, Office, Entrance Control, FaceKiosk, Defence, Data Monitor, Building Automation and Intrusion.

AES 256 ENCRYPTION TLS ASHRAE BACnet OPC Modbus

Access	Attendance	Elevator	Visitor	Parking	Video	Office
Personnel	Entrance Control	FaceKiosk	Defence	Data Monitor	Building Automation	Intrusion
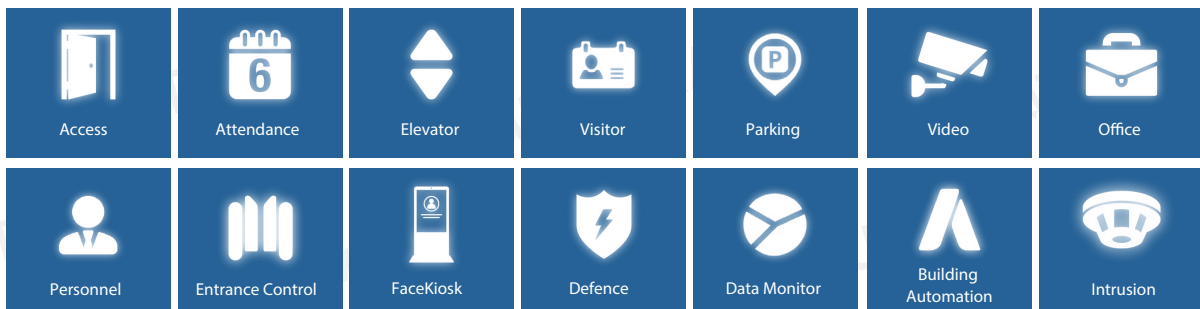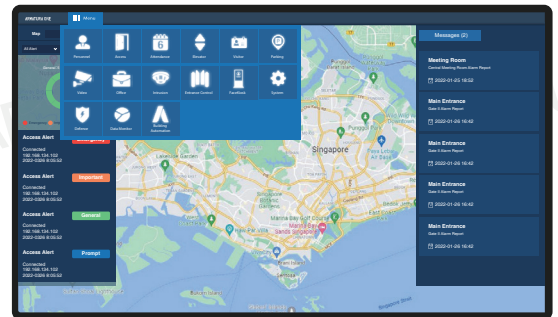
Features

- Long Reading Distance
- Compatible with the Armatura One Security Platform
- Access Control Function
- IP66 Protection Level

Dimension (mm)

12.17" (±0.05) / 309mm (±1.5)

12.17" (±0.05) / 309mm (±1.5)

Φ 9.64" / 245mm

0.16" / 4mm

ARMATURA

2.74" (±0.03) / 69.5mm (±1.0)

1.34" / 34mm

3.15" / 80mm

3.15" / 80mm
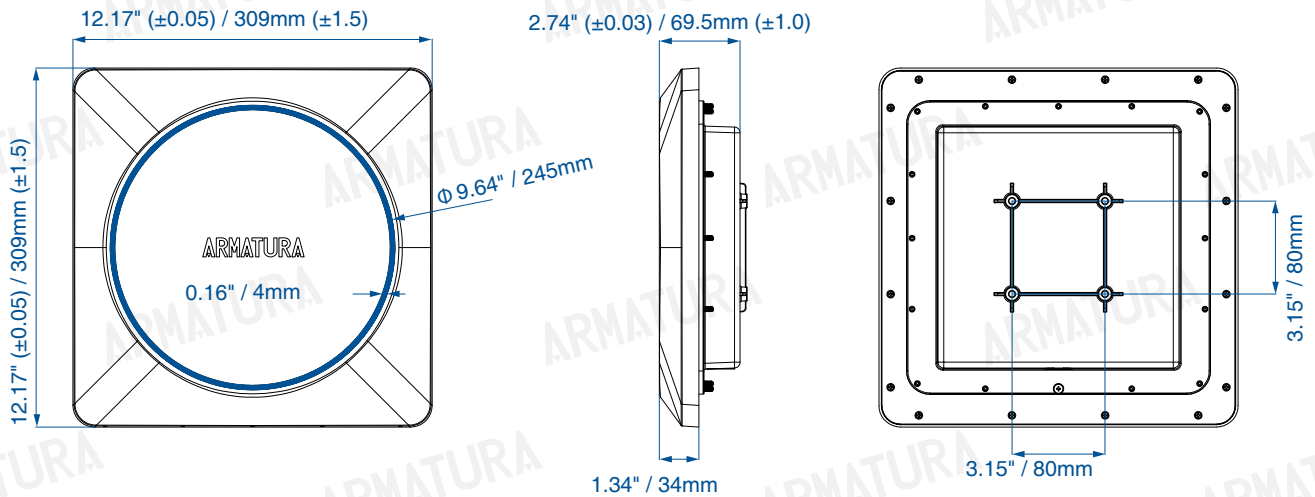
Specifications

Card Capacity
5000 cards

Log Capacity
30,000 Transactions

Reading Distance
0 to 29.53ft (Stable is 0 to 16.40ft)
0 to 9m (Stable is 0 to 5m)

Communication
TCP / IP

Access Control Interface
Wiegand In, RS485,3rd Party Electric
Lock, Door Sensor, Exit Button, Alarm

Dimension
12.17" W x 12.17" L x 2.74" H
(309 x 309 x 69.5mm)

Access Control Functions
Standard access functions,
anti-passback

Operating Frequency
F Series:902Mhz-928MHz;
E Series:865MHz-868MHz

Antenna Gain
9dBi

Output Power
10dBm to 30dBm

Maximum Power Cosumption
<2W

Protection Level
Weather & Dust Proof Protection
Rating compliant with IP66

Supporting Software
Armatura One Security Platform

Operating Voltage
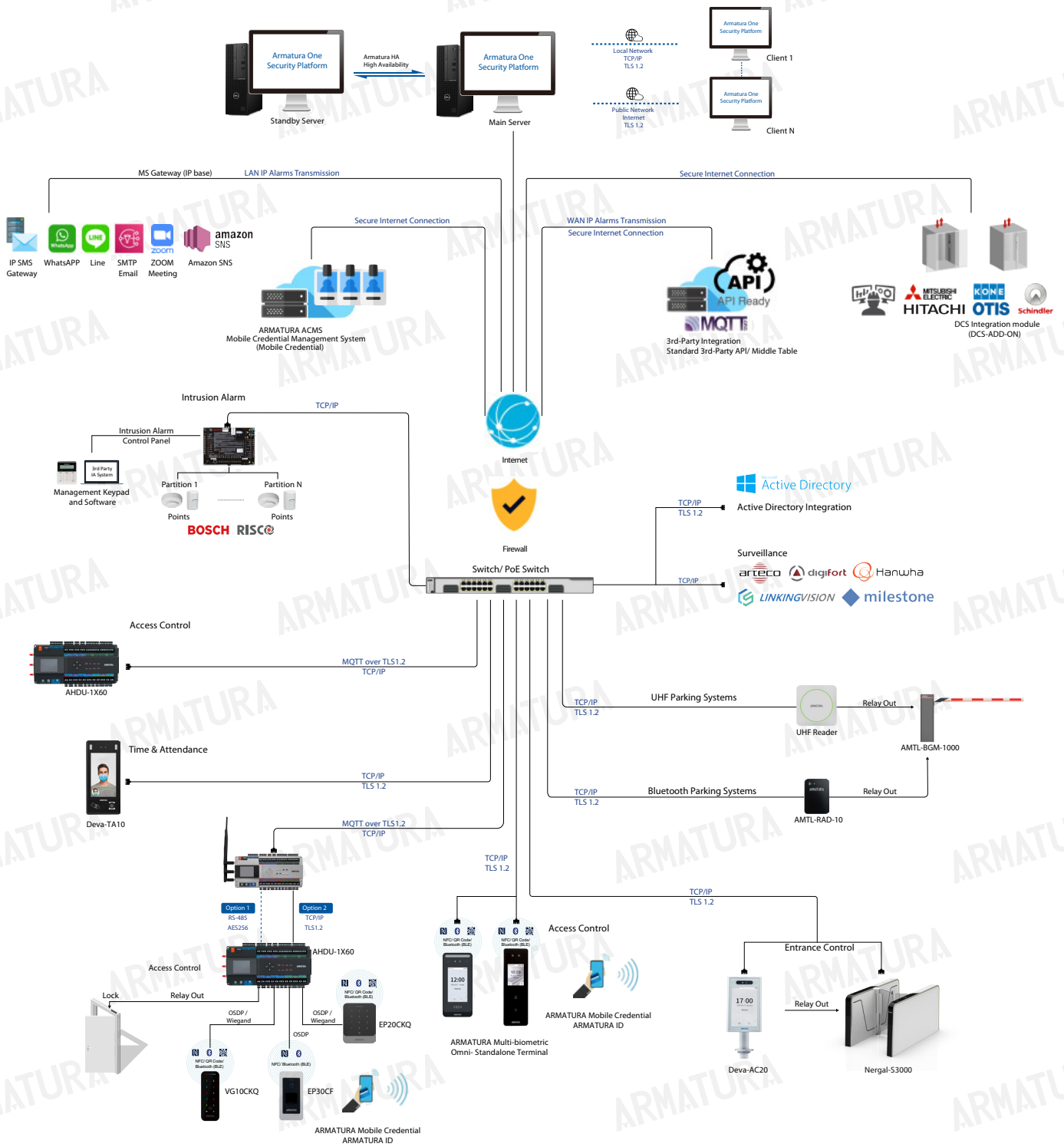DC 9V to 12V

Operating Current
150mA (Always reading)

Operating Temperature
-4°F to 140°F
-20°C to 60°C

Operating Humidity
<95% (77°F)
<95% (25°C)

Configuration

Armatura One Security Platform — Standby Server

Armatura HA High Availability

Armatura One Security Platform — Main Server

Local Network TCP/IP TLS 1.2

Public Network Internet TLS 1.2

Armatura One Security Platform — Client 1

Armatura One Security Platform — Client N

MS Gateway (IP base)

LAN IP Alarms Transmission

Secure Internet Connection

IP SMS Gateway
WhatsAPP
Line
SMTP Email
ZOOM Meeting
amazon SNS — Amazon SNS

Secure Internet Connection

ARMATURA ACMS
Mobile Credential Management System
(Mobile Credential)

WAN IP Alarms Transmission
Secure Internet Connection

API Ready
MQTT

3rd-Party Integration
Standard 3rd-Party API/ Middle Table

MITSUBISHI ELECTRIC
HITACHI
KONE
OTIS
Schindler

DCS Integration module
(DCS-ADD-ON)

Intrusion Alarm

TCP/IP

Intrusion Alarm Control Panel

3rd Party IA System

Management Keypad and Software

Partition 1 — Points
Partition N — Points

BOSCH   RISCO

Internet

Firewall

Active Directory
Active Directory Integration
TCP/IP TLS 1.2

Switch/ PoE Switch

Surveillance
arteco
digifort
Hanwha
LINKINGVISION
milestone
TCP/IP

Access Control

MQTT over TLS1.2
TCP/IP

AHDU-1X60

UHF Parking Systems
TCP/IP TLS 1.2
UHF Reader
Relay Out
AMTL-BGM-1000

Time & Attendance

TCP/IP TLS 1.2

Deva-TA10

MQTT over TLS1.2
TCP/IP

Bluetooth Parking Systems
TCP/IP TLS 1.2
AMTL-RAD-10
Relay Out

Option 1
RS-485
AES256

Option 2
TCP/IP
TLS 1.2

TCP/IP TLS 1.2

Access Control

Lock

Relay Out

OSDP / Wiegand

OSDP / Wiegand

OSDP

AHDU-1X60

NFC/ QR Code/ Bluetooth (BLE)

EP20CKQ

NFC/ QR Code/ Bluetooth (BLE)

VG10CKQ

NFC/ Bluetooth (BLE)

EP30CF

ARMATURA Mobile Credential
ARMATURA ID

NFC/ QR Code/ Bluetooth (BLE)

Access Control

ARMATURA Mobile Credential
ARMATURA ID

ARMATURA Multi-biometric
Omni- Standalone Terminal

TCP/IP TLS 1.2

Entrance Control

12:00

10:29

17:00

Deva-AC20

Relay Out

Nergal-S3000

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