

## AMTL-RAD-10

Radar for the Parking Barrier  
Parameter Settings via Armatura One



AMTL-RAD-10 is the second generation of Armatura radars developed to detect and identify various vehicles (motorcycles, cars, trucks, etc.) and pedestrians near the barrier gate.

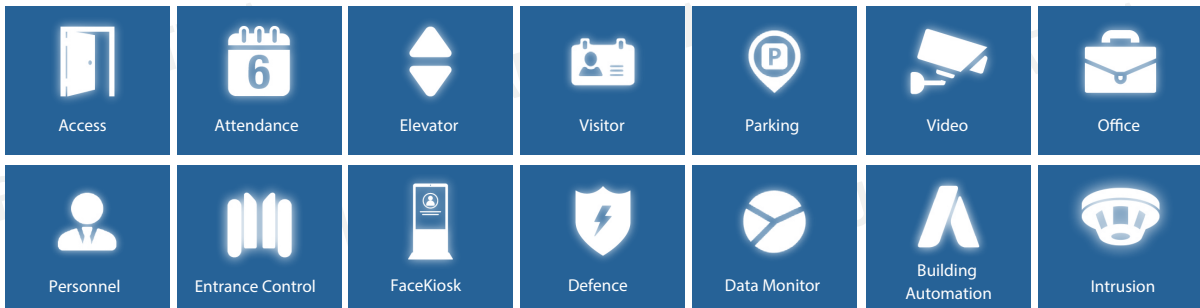
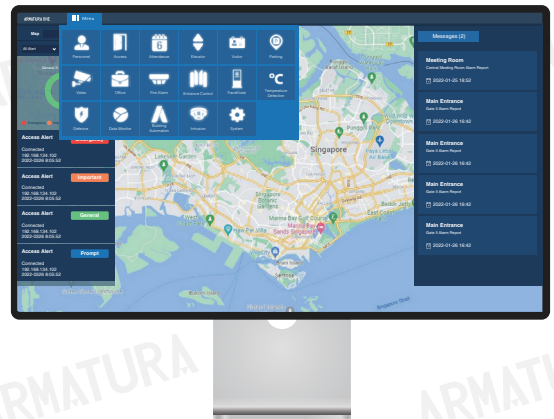
Through linkage with the main board of the barrier gate, AMTL-RAD-10 can help prevent vehicles from smashing into any obstacles or damaging any properties or passers-by while allowing automatic boom closing. Compared to the loop detector, it offers flexible installation and lower labor costs.

### Standard Application

## Armatura One Security Platform

### Web-Based Versatile Security Platform

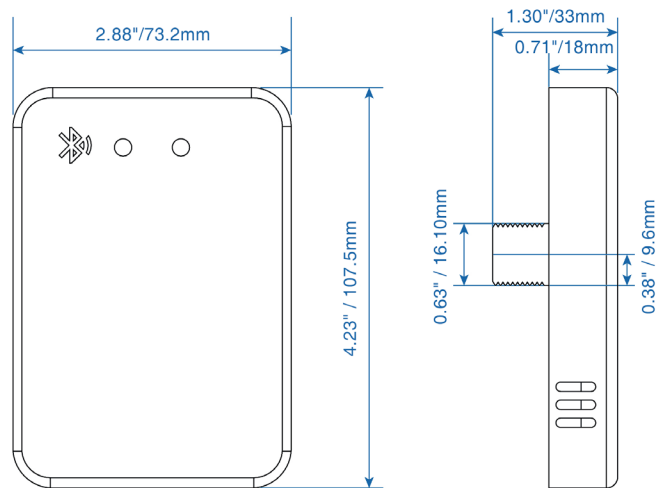
Armatura One is the ultimate “All-in-One” web-based security platform developed by Armatura. It contains multiple integrated modules: Personnel, Access Control, Time & Attendance, Elevator, Visitor, Parking Management, Video Management System, Office, Entrance Control, FaceKiosk, Defence, Data Monitor,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



## Features

- Vehicles and pedestrians detection
- Supports RS485 communication, allowing upgrade and debug with a PC
- Flexible installation
- Works normally under rainy weather conditions (IP67)
- Detection distance adjustable from 3.28ft to 19.69ft / 1m to 6m
- Supports straight boom

## Dimensions



Note: Supports straight booms

The maximum speed of vehicles is 9.32mph (15km/h).

## Specifications

### Model

AMTL-RAD-10

### Power Consumption

≤ 2.5W

### Net Weight

0.5lb / 228g

### Detection Distance

3.28ft to 19.69ft / 1m to 6m

### Transmitter Power Output

12.5dBm

### Operating Temperature

-40°F to 185°F / -40°C to 85°C

### Operating Frequency

79GHz

### Antenna Gain

10dBi

### Protection Standard

IP67

### Operating Voltage

DC 10V to 16V

### Interface

Bluetooth, RS485, Relay

### Product Dimensions

2.88" W x 4.23" L x 0.71" H  
(73.2 x 107.5 x 18mm)

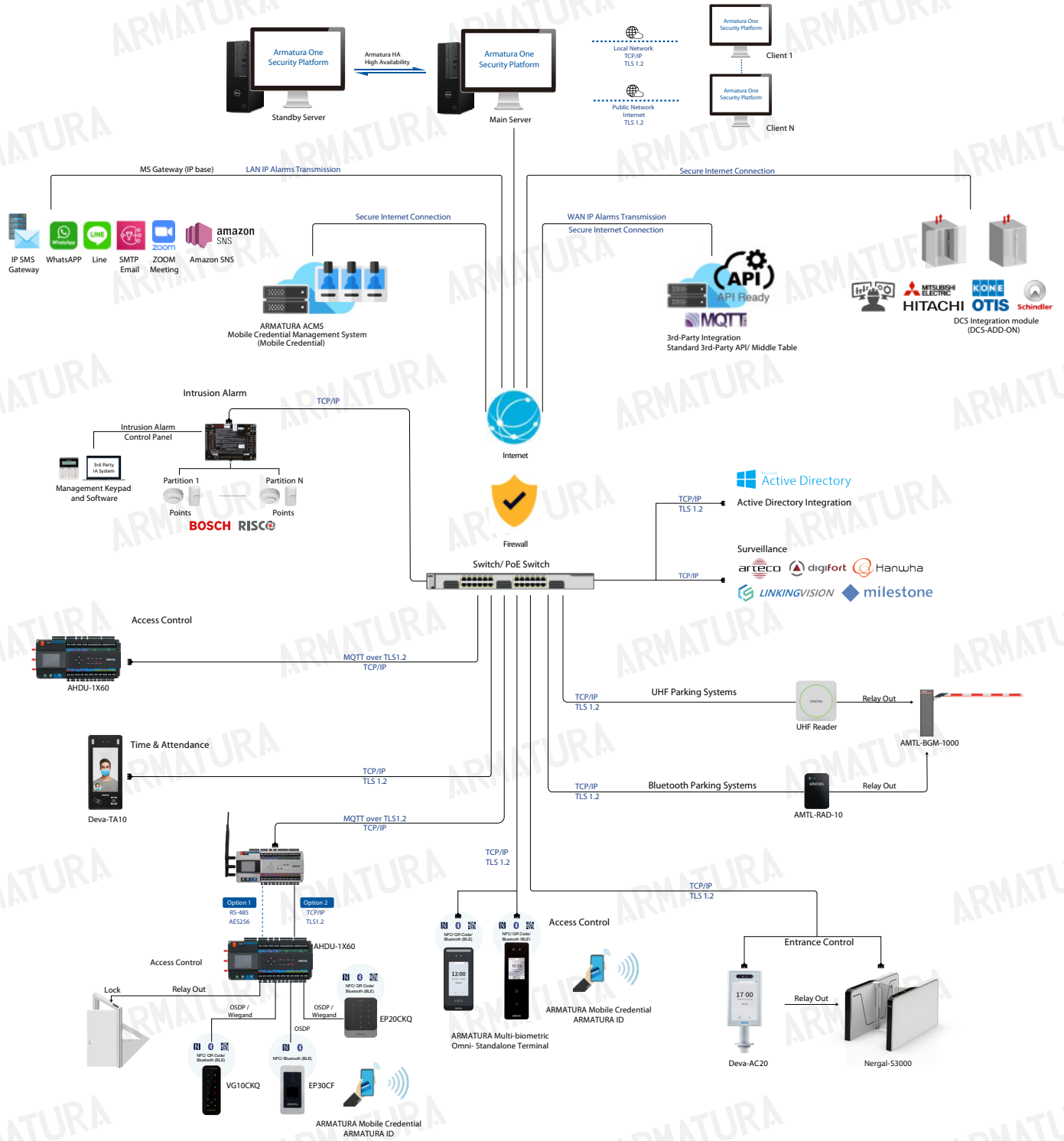
### Operating Current

0.2A

### Protection Level

Weather & Dust Proof Protection Rating  
compliant with IP67

# Configuration



# ARMATURA

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