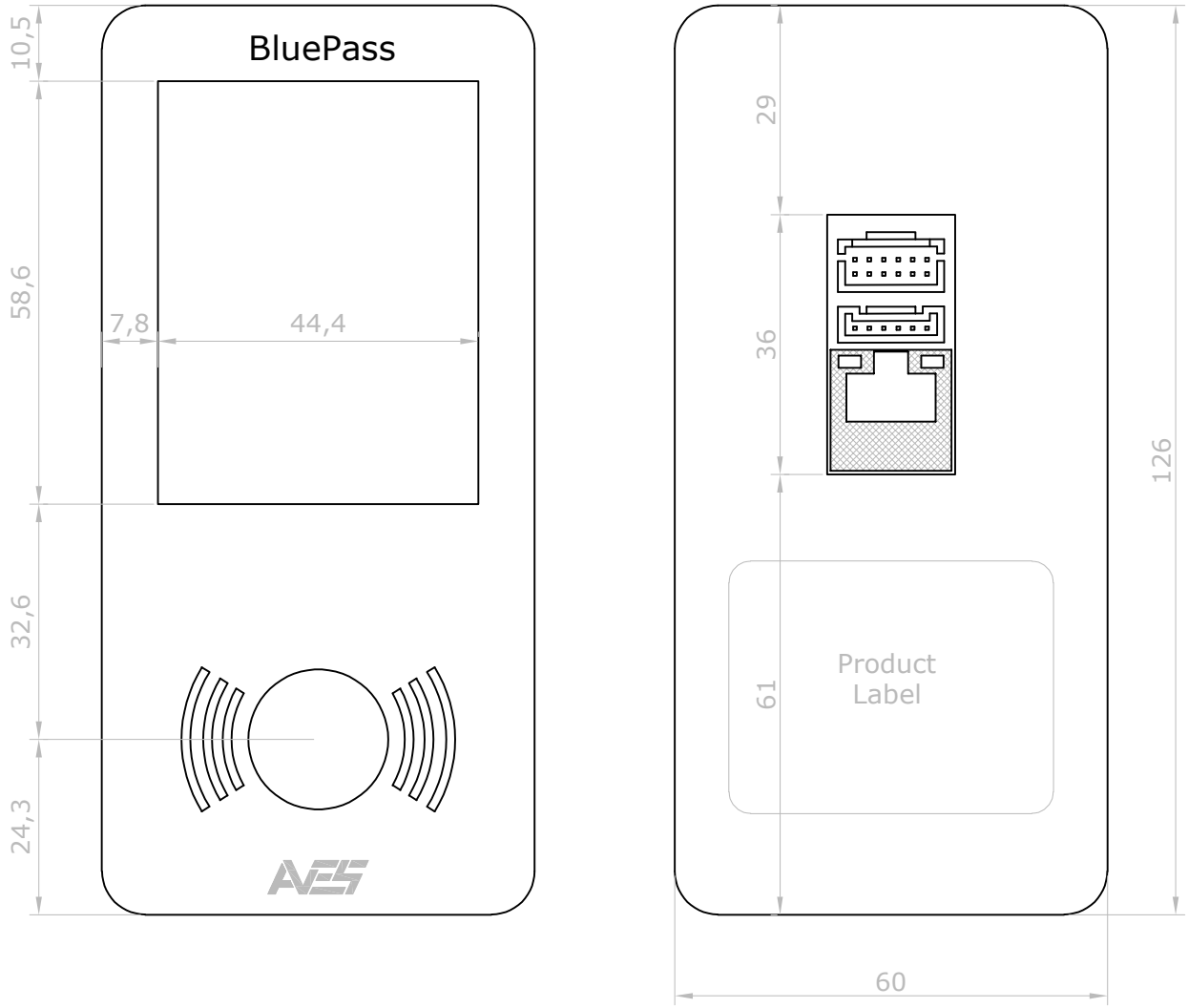
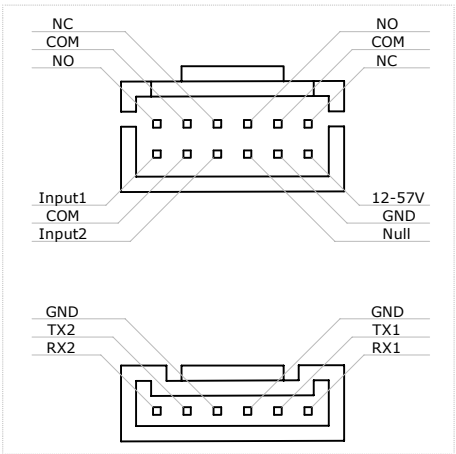

BluePass
10,5
58,6
7,8
44,4
32,6
24,3
29
36
61
126
Product
Label
60
20


NC
COM
NO
NO
COM
NC
Input1
COM
Input2
12-57V
GND
Null
GND
TX2
RX2
GND
TX1
RX1

1 / 1 Scale

Technical specifications

General Specifications

Product type	Advanced Access Control Terminal
Body Material	ABS
Dimensions	60 x 126 x 20 mm
Weight	120 ± 5 g
Operation Temperature	-20°C to +70 °C
Operation Humidity	10% to 80% RH
Operation Voltage	12 - 57 V DC
Pow er Consumption	2.5 W Max.

Processing & Connectivity

Processor	32-bit RISC up to 160 MHz
Ethernet	10/100 Mbps
PoE Standart	IEEE 802.3af / 802.3at
Wi-Fi	Wi-Fi 6 (802.11 ax), 2.4 GHz
Wi-Fi Compatibility	802.11 b/g/n
Wi-Fi Security	WPA, WPA2, WPA3-Personal / Enterprise, WPS
Bluetooth	Bluetooth 5 LE
Bluetooth Features	2 Mbps PHY, Long Range (LE Coded PHY)

Identification Technologies

Supported Technologies	RFID, NFC, Bluetooth, QR Code
RFID Technologies	MIFARE Classic, MIFARE DESFire
RFID Frequency	13.56 MHz
RFID Standart	ISO/IEC 14443 Type A
RFID Reading Distance	Up to 50 mm
RFID Writing Distance	Up to 45 mm
NFC Compatibility	Android 8.0 or later
QR Code Reader	640 × 480 CMOS Image Sensor

Operating Features

Working modes	Card-based (OFFLINE) / Server-based (ONLINE)
Authorized Credential Capacity	Up to 262,144
Access Log Capacity	102,400 records
Event Log Capacity	61,440 records
Anti-Passback	4 independent regions
Notification	Sound, RGB Led indicator, Graphic message
Display	2.8" TFT, 240 x 320 pixels
Automation & Logic Engine	Customizable event-, variable-, tAutomation & Logic Engineime- and I/O-driven automation architecture

Interfaces & I/O

Serial Interface	1 x Serail Port, up to 230,400 bps
Digital Inputs	2
Relay Outputs	2 x 2A Relay (COM / NO / NC)

Software & Integration

SDK	AVES Softw are Development Kit
Integration	Softw are integration support
Automation	Configurable logic and event-driven control