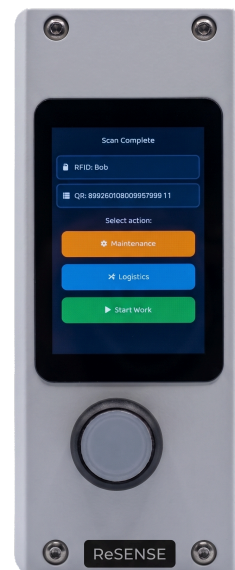




ReSENSE **TERMINAL**

- **FULLY PROGRAMMABLE TOUCH SCREEN**
- **RFID AND QR SCANNER**
- **RGB LED AND ACOUSTIC SIGNALING**
- **ETHERNET/WIFI CONNECTION**
- **MQTT PROTOCOL WITH TLS & REST API**
- **EXTENDABLE WITH A TOUCH SCREEN**

The ReSENSE TERMINAL device is used for monitoring people, orders, and processes in manufacturing. It is fully programmable according to the needs of use. Current applications include recording orders in production using operator identification via an RFID chip and a drawing with a QR code, thanks to which you achieve real-time tracking of the order and operator work, and eliminate paper documentation. Further applications of the device include attendance tracking and measuring the reaction time of maintenance workers after a fault report. The application of the ReSENSE TERMINAL devices can be anything according to the needs of production and they are easily implementable into existing information systems such as SCADA, ERP/MRP, ... Thanks to the touch display, you can choose your own actions and get rid of any paper documentation. In combination with other ReSENSE devices, you can control not only material and energy but also human resources and convert indirect labor costs to direct costs per 1 unit of product.



TECHNICAL SPECIFICATION

PARAMETERS

Input interface	Programmable touch display
Output interface	RGB LED signal light for current status, acoustic signal light
RFID scanner	125kHz EM4100 tags (NFC option available)
QR scanner	1D & 2D barcode (QR, DM, ...)
Two-way communication	Confirmation of sent message, feedback from IS, ...

POWER SUPPLY

Type	external source/passive PoE
Voltage	9-24V
Consumption	max. 3W

COMMUNICATION

WiFi	2.4GHz 802.11 b/g/n WEP/WPA-TKIP/WPA2-CCMP/WPA3-PSK
Ethernet	10/100 Base-TX Auto MDI/MDI-X Passive PoE
Protocol	MQTT TLS/SSL + Modbus-TCP/UDP

HOUSING AND ENVIRONMENTAL

Material, dimensions and protection	Plastic, 80x850x68mm, IP66
Operating (storage) conditions	-25 °C ~ +75 °C (-30 °C ~ +80 °C) 10 ~ 90% RH, non-condensing