



# UHF Display Reader

The HERMOS UHF Display Reader is designed for use in the intelligent handling of processes and procedures. Feedback signals or instructions for the operating personnel can be visualized. The easy integration of this reader via Ethernet (PoE) enables a customer-oriented application. The integration of a user interface and the use of the SD card data memory make this reader universally applicable.

## Technology

UHF Reader

## Components

- » 3.5" LCD display with touch
- » 6 status LEDs and one buzzer
- » PoE Ethernet data interface
- » protected micro SD card slot
- » integrated antenna

## Functions

- » configuration directly at the device via touch screen
- » Status indication via LEDs, buzzer and display
- » Micro SD slot for backup of configuration & log data
- » Password protected display access

## Features

- » User-friendly due to easy handling
- » Easy integration into existing processes
- » Flexible parameterization and software updates via Ethernet or SD card
- » Configuration as stand-alone or system solution
- » Customer-specific user interface (GUI)

## The highlights

### Touch Display

Direct configuration via the built-in touch display.

### Customized UI

Optional integration of a customer-specific user interface

### Micro SD card slot

Backup of important data for configuration as well as log data.

### Password security

Password protected access to the display, depending on the application.

### Flexible configuration

Communication via Ethernet.

Parameterization data as well as software updates can be imported remotely or via the micro SD card.

### Simple process integration

Easy integration of the RFID solution into existing processes.

### Integrated antenna

The reader is already equipped with an integrated antenna. optionally with a remote antenna.

Item number	Description		
	Interfaces	Protocol	IOs
HRF.R.UFS.0I.AV.1D.10B	Ethernet, PoE	ASCII	Without
HRF.R.UFS.1I.AV.1D.10B	Ethernet, PoE	ASCII	Without Ext. antenna connection

*(Further variants and customer-specific configurations available on request)*

## Technical data

**Interface:** Ethernet (PoE)  
**Protocols:** ASCII  
**Antenna:** integrated, optional external  
**Frequency:** 865 - 868 MHz (Europe)  
 ISO 18000-6C (EPCglobal Class 1 Gen2)  
**Transmit power:** 200 mW  
**Dimensions:** 120 x 120 x 42 mm  
**Weight:** 300 g  
**Pixel:** 320x240 px  
**Protection class:** IP40  
**Housing material:** aluminum frame AlMgSi 0,5

**Display:** 3.5" TFT, integrated touch, QVGA TFT LCD  
**Plastic cover:** ASA+PC-FR black (RAL 9005)  
**Mounting:** 2 flange plates (aluminum)  
 Total hole spacing: 136 mm  
**Operating temperature:** -25 °C to 70 °C  
**Storage temperature:** -40 °C to 85 °C  
**Permissible humidity:** at 50°C 25% to 80%  
**Power supply:** PoE  
**Conformity:** CE, RoHS, REACH

