HFS Display Reader

The HERMOS HFS Display Reader is designed for use in the intelligent handling of processes and sequences. Feedback signals or instructions for the operating personnel can be visualized. The simple 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
RFID HF 13,56 MHz (ISO 15693)

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 display
» Status indication via LEDs, buzzer and display
» Micro SD slot for backup of configuration and 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.

Part number	Description		
	Interfaces	**Protocol**	**Antenna**
HRF.R.HFS.0I.AV.1D.10A	Ethernet, PoE	ASCII	Intern
HRF.R.HFS.0I.KV.1D.10A	Ethernet, PoE	ASCII/SECS	Intern
HRF.R.HFS.1S.AV.1D.10A	Ethernet, PoE	ASCII/SECS	Intern, 1x extern SMA

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

Technical data

Interface:	Ethernet (PoE)	**Mounting:**	2 flange plates (aluminum)
Protocols:	ASCII		Hole spacing: 136 mm
Antenna:	integrated, optional external	**Display:**	3.5" TFT, integrated touch,
Frequency:	13.56MHz, ISO15693		QVGA TFT LCD,
Transmit power:	200 mW	**Pixel:**	320x240 px
Dimensions:	120 x 120 x 42 mm	**Protection class:**	IP40
Weight:	300 g	**Operating temperature:**	-25 °C to 70 °C
Housing material:	aluminum frame AlMgSi 0.5	**Storage temperature:**	-40 °C to 85 °C
Plastic cover:	ASA+PC-FR black (RAL 9005)	**Permissible humidity:**	at 50°C 25% to 80%
Voltage:	PoE	**Conformity:**	CE, RoHS, REACH