



RFID Division

Hardware | Reader
RFID Reader
Series HF60

RFID Reader IAE

13.56 MHz



Ready
for
RFID ?

* Radio Frequency IDentification

- Integrated Antenna
- Integrated Ethernet Interface
- PoE-Functionality
- Compact Design



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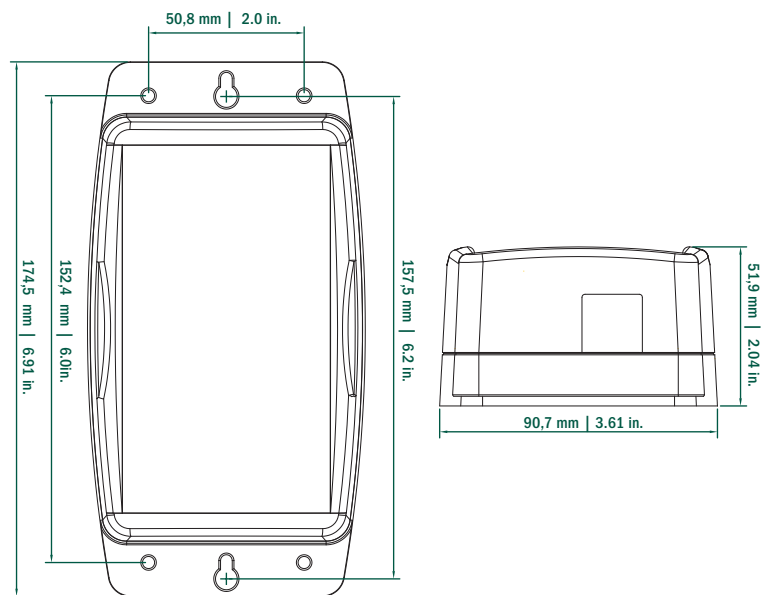
Identification by radio frequency (RFID) provides a fast and safe identification of the object to be controlled. RFID guarantees the data exchange between reader and transponder, independent from contact or intervisibility and able to even identify through different kinds of materials such as paper, plastic, liquid or dust.

The most impressive thing about the RFID reader HF20 IAE is its compact design. Its handy size and little weight, as well as the omission of extern components such as antenna and power supply make it a reasonable RFID solution easy to handle.

The size of approximately 9x14 cm enables a space-saving integration even with a limited amount of available space. Several screw straps in the housing allow an easy assembly, while the weight of 220g makes the RFID reader a handy, yet sturdy device.

The RFID reader HF20 IAE works at a frequency of 13.56 MHz. It identifies and writes transponders according to ISO/ICC 15693 and EPC (ICS10 and ICS11 by Philips). The required antenna is integrated in the device, thus functioning independently from extern components. The connection to an already existing LAN Ethernet is established by an interface supplying the readers with power* via PoE (Power over Ethernet).

(*Requires PoE-compliant LAN Ethernet)



Specification

Antenna	Frame antenna
Protocol	ASC-I1
Dimensions (l/w/h)	141 x 91 x 52 mm 5.6 x 3.6 x 2.05 in. (without mounting flaps)
Weight	380 g 12.2 oz.
Operating temperature	0°C to 50°C
Storage temperature	-20°C to 70°C
Permissible humidity	25% to 80% at 50°C
Housing	ABS
Protection class	IP40
Ethernet interface	10/100BaseT

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