

PRODUCT DATASHEET

iBlade Classic Reader



Classic Reader

HF-RFID read/write module in pen style

- very useful for very small transponders including mic3
- suitable for transponder sizes up to chip cards based on ISO 15693

With the Classic Reader type continues iBlade® the successful pen style product family of smart, flexible and low power 13.56MHz RFID read write units. The device is very useable for mobile and stationary data acquisition in administration, industry and logistics. iBlade® offers an attractive component platform for closed coupling RFID solutions.

RFID Technology:closed coupling RFID system
Standards:based on ISO15693 and ISO14443
Chip solutions:Multitag/Bigstore 4.5, Multitag 7.5, Multitag/Bigstore 8.5, Multitag/Bigstore 10.0,Multitag/Bigstore 12.0
Basics:short range read/write communication command sets of iBlade®
RFID Air Interfaces:13.56 MHz RFID, fast mode
Operating Distance:0 ... 40 mm - depending on transponder antenna and chip type
Reader Antenna:integrated antenna
Field Direction:axial
HOST Interface:USB 2.0
Data Rate:depending on ISO Standard and Chip Solutions
Connector:standard USB or RS232
Power Supply:5V, stab., low noise
Power Consumption:see actual API documentation of iBlade®
Device Size: L130 mm, D12 mm
Casing Material:aluminium tube black, plastic pin with integrated antenna
Cable Length: USB: 1.5 m, RS232
Operation Temperature:0°C ... +45°C
Atmospheric Humidity:30% ... 75%, not condensed
Storage Temperature:-25°C ... +75°C
Emissions:CE (examine for EN 300330)
Protection Class:IP 64 (not for connector)

Type :	Classic Reader	Classic Reader
HOST Interface:	USB	RS232
Software Interface:	iBlade® API	iBlade® API