Sirius iX30

Desk Reader

About

Our Sirius line of card readers is a versatile and multifunctional card reader solution, using the latest technology. The Sirius Card Readers can almost always be integrated into an existing situation without any complications. The reader is made of vandal resistant material (ik-10) which extends the life of the reader. Add to that the typical Sirius light guide and the robust holder (POM plastic) and it becomes clear that the Sirius desktop reader can seamlessly fit into any environment.

The desktop reader is available in two variants.

> **USB**, where the reader acts as a keyboard (HID). This variant reads the card number and therefore you can use this reader for visitor registration.

> **RS485**, where the reader is connected to the IPROTECT system. This variant allows you to encode cards and therefore you can use this reader for 'data on card' (OSS/VCN) solutions.

Reader Technologies

The Sirius USB reader is compatible with various customizable cards and tags. The card reader is based on the ISO14443A reader technology. Thereby you can choose from MIFARE® Classic, MIFARE® DESFire® 0.6, EV1, EV2, EV3. The Sirius USB card reader also offers support to various reader technologies simultaneously.

Highlights

RFID reader for MIFARE/DESFire cards

Versatile desk applications
- visitor registration (USB)
- card enrolment (RS485)

Robust and stylish design

Easy installation

Fits in every environment

Ultra-fast response time

Specifications

General		
Model Name	iX30 Desk reader	
Part number	IPR-IX30-DESK-USB	IPR-IX30-DESK-RS485

Power	
Supply voltage	5 ... 16VDC (max 2W)

Housing and dimensions	
Color	Black
Dimensions (mm)	159 (L) × 88 (W) × 97 (H) mm
Housing material	POM
Weight	1Kg
IP rating	IP66
Impact resistance	iK10

Environment	
Operating temperature	-35°C to 65°C
Storage temperature	-40 ... 85°C
Operating humid	5 - 95% relative humidity, non-condensing

Installation	
Location	Desktop

Interface		
Type	USB	RS485
Cable length	2m (default)	Max. 600m
Compatibility	Windows / Linux / MaxOS	Compatible with TKH Orion
Keyboard driver	HID (Human Interface Device)	None

RfID cards	
Frequency	13,56MHz
Standard	ISO14443-A
Type	MIFARE Classic cards, MIFARE DESFire 0.6, EV1, EV2 and EV3 cards The iX10 is compatible with (keyring) tags. MIFARE DESFire 0.6 and EV1have a reduced distance.
Maximum distance	MIFARE classic card: up to 70mm (about 2.76 in) MIFARE DESFire EV1 card: up to 30mm (about 1.18 in) MIFARE DESFire EV2/ EV3 card: up to 50mm (about 1.97 in) MIFARE DESFire EV1 tag: up to 22 mm (about 0.87 in) MIFARE DESFire EV2/ EV3 tag: up to 35mm (about 1.38 in)

User Interface	
Optic	RGB power LED

Sound	Multi tone buzzer, 85dB at 1 m
Additional features	
Tamper	Optical sensor

Certification	
Electric	EMC, LVD
Radio	RED
BLE	Bluetooth certified