

sarfid Desktop 1000 RFID READER



sarfid Desktop100 UHF RFID Reader is a powerful RFID reader for desktop, and long range operations. It is designed for full ISO 18000 6c UHF pasif RFID operations.

sarfid Desktop1000 provides a low power, high-performance and cost-effective platform. The RF output power of the reader is software adjustable from 15 mW to 1000 mW. It has total 2 antenna ports. Antenna port may coupled outside. If required, It may have an embedded circular antenna. In this case, It can be connected one more antenna from outside.

sarfid Desktop1000 supports both EPC Class1 GEN 1 and GEN 2 Protocols operating in the UHF 865-868 Mhz band.

Applications:

sarfid Desktop1000 addresses a wide spectrum of applications at an optimal price point.

- ✓ Personel Tracking
- ✓ Vehicle Parking
- ✓ Patient Tracking
- ✓ Access control
- ✓ Item-level operations

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FEATURES

- UHF Band, 860-960 MHz
- Small footprint
- Extensive tag compatibility
- Minimal power consumption for maximum read range
- Configurable output power
- Simple firmware upgrades; field upgradable
- Variety of host interfaces
- Simple and intuitive .NET API

BENEFITS

- Industry-leading price performance
- Designed for tem-level inventory / asset management applications
- Simple integration for fast time-to-market
- Plug and Play integration
- Meets strict regulatory requirements
- Superior embeddability for fast integration and time-to-market
- Low power consumption
- Cost-effective and highly scalable
- Common software interface with the maximum design and solution flexibility

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SPECIFICATIONS

Model	sarfid 1000, with 1 Mbit Flash
RFID Protocols	EPCGlobal Gen1, EPCGlobal Gen2, ISO 18000-6c
Communication Interfaces	RS-232 (DB-9 F), LAN TCPI/IP (RJ-45)(optional)
Software Support	.NET APIs for Sarfid Reader Protocol
Demo and Test Software	sarfid Gateway
Software SDK	.NET API
AC/DC Power adaptor	15 Watts maximum 120 or 240 VAC to 9VDC
Frequency	865.6 - 867.6 MHz.
Channels	10Channel Spacing 200 KHz
RF Power	1 Watt (max.)
Antenna Ports	2 read points
Reading Topology	Bistatic or multistatic
Antenna Option	With embedded antenna circular polarization
Connectors	3 meter cables, SMA connectors
General Purpose Inputs/Outputs	2 inputs, 2 outputs, optically isolated
Read Range	4-6 m.
Dimensions	255X185X65 mm
Weight	0.7 Kg
Case	ABS
Operating Temperature	-20 - +50 C
LED	IndicatorsPower, Link, Active
Compliant	Safety EN 60950, EN 50364
Emissions	EN 302-208, EN 301-489, EN 300-220

Part # :SR1000

Part # (with TPC): SR1000-T

For more information, please contact with us or visit our website: www.sarfid.com

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