

## TAKAME DR-UHF-2 USD Desktop Reader/ Writer



**TAKAME DR-UHF-2** USB Desktop Reader/Writer is a high-performance UHF RFID reading and writing device integrating antenna and reader. It is small and exquisite. It complies with ISO/IEC 18000-6c/epc C1G2 standard and is mainly used in assembly line station management, retail store cashier background card issuing and other scenarios.

### Features

- Built in circularly polarized antenna
- USB Type-C for power supply & communication
- Simply switch between two working modes USB read/write mode/ USB HID keyboard output mode
- Free tag writing software greatly improves efficiency
- Compactly Integrated design supports better deploy / installation

### Typical Application

- Assembly line station management
- Management of books, documents, jewelry, cultural relics, etc
- Medical devices, drug management, etc

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# SYSTEMS SCANNING LIMITED

## Specifications

### SDK AND FIRMWARE MANAGEMENT

Firmware Upgrade	Demo software Windows platform - .Net/ Java SDK
API Support	Android platform - Java SDK Linus platform - Java SDK

### PHYSICAL CHARACTERISTICS

Dimensions	170mmX120mmX17mm
Weight	0.25kg
Housing Material	Alumimium + Acrylic
Visusal Status Indicator	Power & Workin status indicators

### RFID CHARACTERISTICS

Air Protocols	ISO/IEC18000-6B, 6C / EPC C1Gen2 C2GEN2 optional CHN: 920MHz ~ 925 MHz (CMII)
Frequency	USA: 902MHz ~ 928MHz (FCC part 15) EU: 865MHz ~ 868MHz (ETSI EN 302208)
Antenna	Built-in antenna, circular polarization
Output Power	0dBm - 30dBm ( $\pm 1$ dBm) adjustable
Channel bandwidth	< 200KHz
Reading Distance	0 - 1m (Accoording to Tag & Encironment)
Anti - collision	Support multi - tag/ intensive inventory
Work Mode	Fixed / hop frequency optional

### CONNECTIVITY

Communications	USB Type - C
General Purpise I/O	1 optcoupler input, 1 pair 5V output or wiegand output (wiegand output is shared with 5V output)
Power Supply	USB Type - C 1.3W@10dBm, 1.8W@20dBm, 3.5W@30dBm

### ENVIRONMENTAL

Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-95% non-condensing (+25°C)
Sealing	IP5X



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