RFID UHF DESKTOP READER

The Slate R1260I desktop reader is a multi-regional UHF RFID reader with an integrated antenna for short to medium range applications.

The reader is powered and controlled directly by a USB cable, thus allowing the module to read EPC Class1 Gen2 UHF RFID tags in an easy desktop environment.

Because of its low profile (1.5 cm / 0.6 in) and its size (approximately an A4 page), the Slate module is the perfect choice for various applications such as Point of Sale, Document Tracking, Tag Programming Stations and Access Control. The module can also be used as a building block for smart shelves and smart displays.

GLOBAL COMPLIANCE

Being compliant with both European and U.S. regulatory environments, the Slate module allows installations in various countries worldwide as needed by retailers, warehouses and other global organizations.

FEATURES

- EPC C1 G2/ISO18000-6C Compliant
- Multi-Regional Support
- USB power and communication
- Integrated circular polarized antenna
- Low profile

INDUSTRY-APPLICATIONS

- Point-of-sales
- Documents tracking
- Access control
- Tag programming stations
- Inventory management

DLR-DK001

DATALOGIC

TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

FREQUENCY RANGE	902÷928 MHz (FCC part 15)
	865.600÷867.600 MHz (ETSI EN 302 208)
NUMBER OF CHANNELS	4 channels (compliant to ETSI EN 302 208)
	50 hopping channels (compliant to FCC part 15.247)
	All subsets of FCC band are supported

DECODING CAPABILITY

EPC C1 G2, ISO 18000-6C COMPLIANT

ELECTRICAL

RF POWER	Programmable in 15 levels (1 dB step) from 12 dBm ERP to 26 dBm ERP (from 16 mW ERP to 400 mW ERP)
DC POWER	5 VDC bus powered (USB); Max 400 mA

ENVIRONMENTAL

TEMPERATURE	-10 to 55 °C / 14 to 131 °F

INTERFACES

USER INTERFACE	Green LED: Power
	Blinking red LED: Tag detection
	Blinking yellow LED: USB communication activity
	Buzzer: user programmable event signalling
CONNECTIVITY	USB Type A plug connector
	Bus powered USB 2.0 device
	Must be connected to High-power Port (500 mA @ VBUS); It appears as USB serial port
	Virtual Com Port (VCP) drivers for Windows XP/Vista/Seven (7), Windows CE 4.2, Linux 2.40 and greater
	Baudrate: 115200; Databits: 8
	Stopbits: 1; Parity: none
	Flow control: none

PHYSICAL CHARACTERISTICS

DIMENSIONS	29.7 x 20.5 x 1.5 cm³ / 11.7 x 8.0 x 0.6 in³
WEIGHT	525 g / 18.5 oz
ANTENNA	Integrated circular polarized antenna
LENGTH OF USB CABLE	1.5 m / 4.9 ft

READING PERFORMANCE

DEPENDS ON THE UHF RFID TAG

READING RANGES

READ RANGE	Typical Depth of Field: Up to 90.0 cm / 35.4 in

SAFETY & REGULATORY

STANDARD COMPLIANCE	EPC C1 G2/ISO 18000-6C

UTILITIES

SM@RTSET-RFID SOFTWARE TOOL

WARRANTY

WARRANTY	2-Year Factory Warranty

www.datalogic.com