

Data sheet

Desktop RFID HF Reader

Article No.: DTR1356-00X



Picture 1 - USB ShortRange Reader

Description:

The KTS – DTR1356 Desktop RFID HF Reader enables universal use for the 13.56MHz range. With the integrated antenna and obsolete installation of drivers, the reader is applicable in HID mode as well as ISO14443 device for electronic payment.

The desktop reader visualizes the operating mode, detection of transponders as well as the communicational activities of the USB interface via LED.

The device offers holistic support of ISO 15693, ISO 14443A and ISO 14443B standards.

All KTS devices are delivered with tag2IMAGE – visualization and development support software.

An OEM version of the device is available.

Technical Data:

Technical Specifications

Product type	HF RFID Reader			
Operating frequency	13,56MHz			
Antenna connection	- integrated			
HF-Output	100mW / 200mW switchable via software			
Power supply	5V USB Bus powered			
Power input	30mA in Stand-by; 180mA in operation			
Serial interface	USB			
Case, dimensions (LxWxH)	150x125x35 [mm]			
Weight	50g			
Display	--			
RSSI-Display	RSSI can be visualized via software			
Write/Read range	ISO 15693	ISO 14443A	ISO 14443B	Multi-Standard
HID-Mode	Yes	-	-	Yes
CDC Mode	Yes	Yes	Yes	Yes
Chiptype	NXP	MIFARE Ultralight	Look left	
	ICode-SLI	MIFARE SmartMX		
	TI Tag-It	MIFARE DESFire		
	Infineon EM	MIFARE DESFire EV1		
Protocoll	Easy AT instruction set to scan tags, read and write tag-memory as well as modification of hardware parameters. Switching between CDC and HID mode is possible.			
Anticollision	Ja			
Porteinbindung	- CDC: Virtual serial port - HID: keyboard Interface; no driver needed			
Others	OEM version customized with customer specific antenna design is possible. Status LED to indicate div. operational states.			
Order number	DTR1356-002 (with integrated antenna)			

Further varieties and products by KTS:



SRR1356-001 – ShortRange Reader for external antennas



SRR1356-002 – ShortRange Reader with integrated antenna



SRR1356-003 – ShortRange Reader with integrated ferrite rod antenna suitable for small sized transponders e.g. NeoTAG



DTR1356-002 – Desktop Reader

