FEIG

ID PAD74-U

PAD READER WITH USB INTERFACE

- Compact, mobile and powerful workstation
- Defined capture window
- Up to 19 cm read range
- ISO 15693 and ISO 14443 transponder support
- Optical feedback via 3 LEDs
- USB powered
- Also available as shielded and standard antenna



ID PAD74-U PAD Reader with USB Interface

The ID PAD74-U USB pad reader is designed as a very flat and compact antenna for contactless data exchange with common HF transponders. The RFID PAD comes with an integrated HF reader and USB interface for connection to a laptop or desktop PC.

The devices impress with outstanding performance and their modern design and are suitable for desktop applications in libraries and offices to trace books or documents and to detect lendable items at the check out or return point.

The support of ISO 14443-A/B compatible transponders allow application like Access Control or the detection of user ID cards. The read range with single transponders could reach up to 19 cm.

Due to its special design transponders will be detected only inside the antenna area and very close to the housing.

All typical states like "RUN", "Tag detect" or "Error information" are indicated directly on the front panel by 3 LEDs (green, red and blue).

The FEIG standard protocol, compatible to all other readers, can be used with the help of the free FEIG standard SDK / DLLs. It can be integrated into existing background systems easily.

The power supply and the USB interface connection is provided by the fixed USB 2.0 cable.

RFIDCanada
Automating Identification

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Technical data

Dimensions (w x h x d)	240 mm x 180 mm x 13 mm (9.45 inch x 7.09 inch x 0.51 inch)
Weight	approx. 0.5 kg (1.2 lbs)
Housing	
Pad	Insensitive surface
Upper part	Plastic ABS
Lower part	Plastic blade
Color	
Pad	black
Upper part	similar RAL 9003 (white)
Protection class	IP30
Operating frequency	13.56 MHz
Max. transmitting power	400 mW ± 1 dB
Supply voltage	5V DC (via USB)
Power consumption	max. 2.5 W
Interfaces	USB 2.0
Indicator, optical	3 LEDs (green, red, blue)
Supported transponders	ISO 15693, ISO 14443-A/B, (ISO 18000-3 MODE 1)*
Reader modes	ISO Host Mode, Scan Mode**
Others	Temperature monitoring
Software development kits	Windows (C++, .NET, Java), LINUX (C++, Java), Raspberry Pi
USB driver	Windows Server 2012 and 2016, Windows 10 and 11; 32/64 Bit
Temperature range	
Operation	–25 °C up to +55 °C (–13 °F up to 131 °F)
Storage	–25 °C up to +70 °C (–13 °F up to 158 °F)
Relative air humidity	5 % up to 95 % (non-condensing)

* e.g. EM HF ISO Chips, Fujitsu HF ISO Chips, Infineon my-d, KSW Sensor Chips, NXP ICODE SLI family, STM ISO Chips, TI Tag-it, NXP mifare family, NFC Devices in Card Emulation Mode (Tag Type 1...5)

** ID PAD240 operates in HID mode if the integrated USB reader is configured in Scan Mode.



ID PAD74-U

Standard conformity

Radio license	
Europe	EN 300 330
USA	FCC 47 CFR Part 15
Canada	IC RSS-GEN, RSS-210
EMC	EN 301 489
Safety & Health	EN 62368-1, EN 50364

Order description

ID PAD74-U	6618.000.00	PAD Reader with USB Interface

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