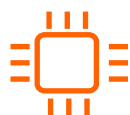


xward *Multioptional Reader for AccessControl*

xward



RFID Technology and Biometry

The RFID-Chip and Cardreader presents quiet distinguished Productdesign for modern Architecture; durable wall-mounted Housing in Aluminum and black acrylic Glas with compact Measurement of 48 × 48 mm, and also as in-wall Housing Application. xward operates all RFID and biometric Technologies. The dual Frequency simultaneously supports 125 kHz und 13,56 MHz and is compatible with all worldwide common ISO-Stan-

dards and Technologies. The Case features a SAM-Cardslot for secure Storage of Keymaterial to be provided conveniently. Communication with the Aces-sController is based on high Security Standard OSDP V 2.1.7 with AES128 Bit Encryption, compatible with all Switch-Programs of leading and common Manufacturers. LED Lighting Fixtures integrate red, green, yellow, monochrome and in Mix. The Keypad operates nuric 0-9 and with 2

Function Keys. Reader Communication is encrypted to AE128 BIT. xreader is part of the Xccelo Innovationprogram providing a unique unified Platform and Solutions for Access Con-rol, VideoManagement System and Time Attendance, integrating future Technologies as AI, Big Data Analytics and Deep Machine Learning.

Case	Size	Core case 48 x 48 x 28 mm, Frame 71 x 71 mm for DIN 49073-1 Mounting
	Weight	160g without Frame and Case
	Protection Class	IP54 – IP65 (depending on Case Type)
	Frequencies	125 kHz (LF) / 13.56 MHz (HF) / 2402 MHz - 2480 MHz (BT)
	Antenna	Integrated for all supported Frequencies
	Power Supply	9 – 30 V DC
	Consumption	160mA
	Temperature	Operating: -10°C up to +70°C Storage: -20°C.. +75°C
	Read- / write Distance	LF and HF: up to 100 mm depending on Media
	Transfer	Host RS485: bis zu 38,400 baud, Host RS232: bis zu 115,200 baud, Host TTL bis zu 38,400 baud, Host USB: full speed (12 Mbit/s), HF Air: bis zu 848 kbit/s, BT Air: bis zu 100 kbit/s
	Bluetooth low energy	Bluetooth V4.1, Software updateable to V4.2; API; Standards as GAP, SM, L2CAP, ATT; predefined GATT structure; up to 8 Connections simultaneous; AES128 Encryption
	WTBF	500,000 h
	Supported Technologies	Standard <ul style="list-style-type: none"> • 125kHz / 134.2kHz: 4100, 4102, 420010), 4050, 4150, 4450, 4550, AWID, CASI-RUSCO, HITAG 111), HITAG 211), HITAG S11), Keri, Miro, Pyramid, TIRIS/HDX, UNIQUE, FDX-B, Q5, TITAN, T55x7, ZODIAC • 13.56MHz: LEGIC Advant, LEGIC Prime • ISO14443 A+B: compatible to part 4, MIFARE DESFire EV1, MIFARE Plus, MIFARE SmartMX, my-d move7), PayPass, MIFARE Classic EV19), MIFARE Ultralight EV19), MIFARE Ultralight C, NTAG2xx9), HID iCLASS5) • ISO15693: EM40357), Tag-it, my-d vicinity7), iCODE SLI, M24LR16/64, PicoPass5), HID iCLASS5) • ISO18092 / NFC: NFCIP-1: NFC Forum Tag Type 2-4(2-5), Sony FeliCa6) • Standard+Cotag,G-Prox7), HID (Prox, Prox II, Duo Prox II, ISO Prox II, Micro Prox, ProxKey), Honeywell NexWatch, Indala, ioProx
	Host interface	RS485 OSDP, USB; Transparent communication to T=CL bei ISO14443a
	OS support	For USB: Windows XP, Vista, Embedded CE, 7 (32-/64-bit), 8, 8.1, 10, Linux, Android, iOS, MAC OS X
	LEDs	Integrated: red, green, yellow, monochrome and mix
	Keypad	Numeric pad 0-9 with 2 Function Keys
	Buzzer	Integrated
	Vandalism Contact	Sabotage Switch
	Certifications	CE, WEEE, RoHS-II compliant, RED
	Security	ncrypted Readercommunication standard AES128 Bit as well as 1 SAM Slot for secure Storage of Key Material as to EAL5+