Access 7 AH
Reliable proximity reader with low power consumption

Product features and benefits

- Durable and reliable proximity reader
- Extremely low power consumption – up to 60 % more energy-efficient
- Eco-sensitive construction

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The Idesco Access 7 AH reader provides a superior cost-effective and durable solution for low frequency access control and person identification across a wide variety of settings. The most notable improvement this reader boasts over its predecessors is its significantly lowered power consumption, aggressively positioning it to bring potentially substantial cost reductions in your site's backup power infrastructure requirements. Simultaneously, the Access 7 AH has also been designed with a number of features (LED colour configurability, buzzer modes, optical tamper, etc.) usually reserved for more costly, high frequency readers. Factor in its reductions in assembly epoxy and Access 7 AH stands as both an enviably eco-friendly yet highly configurable access control reader designed to be kind to your bottom line.

Naturally, the robustly durable Access 7 AH reader comes in a variety of housing options, including Idesco's Exclusive Housing series, to suit different applications and settings.

Access 7 AH: Technical specifications

Operating Frequency	125 kHz
Voltage	+10 .... +30 VDC for cables longer than 3 meters +5... +30 VDC for cables shorter than 3 meters
Current Consumption	15 mA @ 24 VDC, max 40 mA
RFID chip support	UID-number of Sokymat Unique, EM 4102, HID Proximity 26, 34, 35, 37 and 40 bits
Dimensions of housing (hxwxd)	Basic: 110 x 43 x 24 mm Slim: 141 x 43 x 19 mm Quattro: 85 x 85 x 24 mm Desktop: 95 x 62 x 24 mm Module: 72 x 37,8 x18 mm
Material of housing	Plastic
Installation method	Quattro: To a standard electrical socket with screws
Colour	Black
Customized versions	Yes, with sticker
Protection class	IP67, with the pigtail cable option IP54, with the connector option
Operational temperature range	-40 °C - +55 °C
Storage temperature range	-40 °C - +55 °C
I/O's	FET outputs (for tamper control and general), max 500 mA 1 General purpose input
Interfaces	RS-232, Wiegand, USB
USB Hi	On request
Clock & data	For HID Prox: configurable by HID Prox configuration card For all other supported card technologies: 14 BCD format
EMC	Meets CE requirements
Field strength	According to EN300330
Cable	LIYY 3m, delivered only with pigtail reader
Connector option	Basic, Slim & Quattro (pigtail as a default)
LED	Three-colour (LED modes can also be configured)
LED control	By wire
Buzzer	Yes (Buzzer modes can also be configured)
Buzzer control	By wire
Optical Tamper	Yes, configurable
Re-read delay	Adjustable, up to 99 seconds
Configuration	Configurable

Eco 20 is a new generation of Idesco products. Eco 20 stands for less power consumption, improved connectivity with other products and smaller carbon footprint through sustainable manufacturing materials and methods. **www.idesco.fi/eco20**