

IR4110B Reader

Idesco Microlog IR4110B reader is designed for RFID applications requiring good performance and reliability. Typical applications are access control, ticketing, health care, recycling, asset marking and maintenance, factory automation and data collection as well as materials handling. Both OEM manufacturers and end-users may use the reader and its software support for system solutions.

An easy-to-use ASCII protocol is available for read and write commands.

The reader is compatible with all existing Idesco Microlog R/O and R/W cards and tags. High speed, full duplex communication with RF tags is well secured. The data transmitted to the tag is echoed back to the reader for verification.

The reader has an internal switching power supply with wide input voltage range.



SPECIFICATION

Voltage	12-30 VDC	
Recommended	24 VDC (150 mA)	
Power consumption	3.5 W	
Serial interface option	RS-232 and RS-485	
Serial port parameters		Default
Baudrate	300-19200	9600
Databits	7 or 8	8
Stopbits	1	1
Parity	yes/no	none
Material of housing	Polycarbonate	
Weight	750 g	
Operating temperature	-40...+70°C	
Storage temperature	-20...+85°C	
Protection class	IP 67	
Connector	Binder 423 (19 pin)	
Cable	Lycy 14 x 0.14, 5 m	
Three leds	red, yellow, green	
Carrier frequency	24 kHz	
Field strength	Below ETSi ETS 300330	
EMC	Meets CE requirements	

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