IR 6090B

Idesco Microlog IR 6090 B reader is designed for RFID applications requiring good performance and reliability. Typical applications are factory automation and data collection. Both system integrators and end-users may use the reader and its software support for system solutions.

The unique and vandal resistant design of the Access Basic housing guarantees that the IR 6090 B reader can be used in the most demanding surroundings. Its excellent performance and robustness ensures optimal functionality also in harsh environments. The Basic housing is internationally registered and suitable for indoor and outdoor usage and can even be installed directly onto metal surfaces without additional insulation.

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

The reader is compatible with all Idesco Microlog read/write 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. Automatic double read activated by the reader is also used for additional verification of data.

The stock colour of IR 6090 B model is black. Customised colour options and individual customized logos are available on request.

SPECIFICATION

Voltage	8-30 VDC
Recommended	24 V
Current consumption	30 mA (appr.)
Interfaces:	RS232, RS485 (4-wire)
Material of design housing	Plastic
Dimensions of housing (hxwxd)	
Basic	110 x 43 x 24 mm
Operating temperature	-40…+55 °C
Storage temperature	-40…+55 °C
Protection class	IP67
Cable	LIYCY 3 m
Led	Tricolor
Carrier frequency	24 kHz
EMC	Meets CE requirements
Field strength	According to EN300330