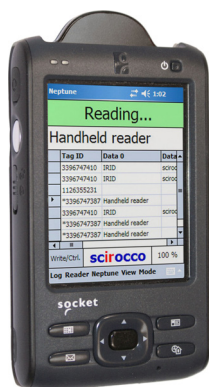


IR



R60 IR Reader 'Libeccio'

- Robust read/write function
- Integrated tag powering
- Low power consumption
- CF card format, use with PDA
- Compact, low weight

Description

Scirocco's 'Libeccio' R60 portable reader is used to energize, read and write infrared powered tags at a distance. It connects to a PDA, such as Socket SoMo, and has a directional and well defined communication zone without blind areas. R60 is unaffected by metal structures, electromagnetic interference and adjacent readers. The reader can be used world-wide without violation of radio regulations.

R60 has very low weight, is small in size and consumes little current. Typically, full day operation without battery recharge is possible. R60 is communicated via the CF slot and includes a software package 'Neptune' for seamless integration with the PDA and its networking capabilities. If Wi-Fi is available, a server software can be set up in any computer with connection to the Wi-Fi access point. This way, the portable reader R60 acts transparently toward the server so that all tag records are sent directly to it.

Technical data

Operation wavelength	900 nm
Read/write range with Data tag T20/T22	0.2 m
Read range with ID tag T10/T12	0.3 m
Zone width at 0.2 m distance	0.2 m
Interfaces	RS232 via CF slot, Windows Mobile 5.0 or later
Input voltage and power consumption	2.7 – 3.3 Vdc, 0.6 W reading/writing, 0.01 W idling
Dimensions and weight	51 x 43 x 7 mm, 10 g
Temperature	0 to +50 °C (operating), -40 to +85 °C (storage)
Humidity	95%, non-condensing
Protection class	IP 40
Vibration	0.01 g ² /Hz, 0.5h x3 dir, 10-2000 Hz
Electromagnetic compatibility	EN 61000-6-2, EN 61000-6-3
LED safety	Class 1, safe under all reasonable conditions
Mounting	Compact Flash socket (both Type 1 and Type 2 are supported)
Cover	Polycarbonate

Key data

Read distance	0.3 m
Read/write distance	0.2 m

Order data

IR Reader 'Libeccio'	R60
PDA Socket SoMo	

Subject to change without prior notice DSR60H