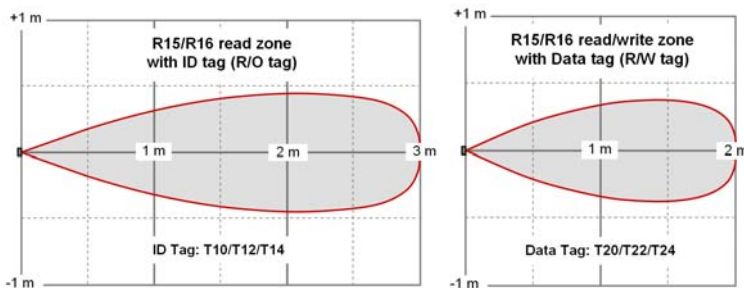


Reader R16



- Robust read/write function
- 3 m reading, 2 m writing
- Integrated tag powering function
- Option for connecting external devices
- Option for HW triggered R/W function
- Easy to install

Typical Performance



R16	ID Tag-S	ID Tag	Data Tag
Reading distance	3 m	3 m	2 m
Reading speed	12 km/h	6 km/h	0.8 m/s
Writing distance			2 m

Details about reading/writing distance, passage speed, tag orientation and more can be found in Technical Manual.

Technical Data

Interfaces	Ethernet with TCP/IP, RS232/485, Mag-stripe, Wiegand, 2+2 parallel I/O, relay
Reading zone	45° field of view at 1 m distance, max zone width 0.9 m
Input voltage and power consumption	10 – 30 Vdc, 20 W reading/writing, 10 W searching
Dimensions	100 x 100 x 40 mm
Weight	0.2 kg
Temperature	-20 to +50 °C (operating)
Temperature	-40 to +85 °C (storage)
Humidity (IEC 60068)	95%, non-condensing
Protection class (IEC 60529)	IP 54
Vibration (IEC 68-2-29)	0.01 g ² /Hz, 0.5h x3 dir, 10-2000 Hz
Immunity (EN 61000-6-2)	10/3 V/m, 4/8 kV ESD, 1kV transient
Emission (EN 61000-6-3)	30/37 dBuV/m @ 10m
LED safety (EN 60825-1)	Class 1, safe under all reasonable conditions
Mounting	Screw mounting M8
Cover	Polycarbonate
Label	Type code, software version, regulatory marking, serial number

Ordering codes

Reader Pampero	R16
D-sub I/O cable	A10
Mounting bracket	A80

DSR16B

In a continuing effort to improve our products, Scirocco AB reserves the right to change specifications and features without prior notice.