

**Prüfbericht - Nr.:**  
*Test Report No.*

**14018170 001**

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## Specifications of CS101-2:

<b>Physical Characteristics:</b>	Length: 20 cm; Width: 12.5 cm; Height: 22.5 cm; Weight: 1.2 Kg
<b>Environment:</b>	Operating Temp: 0°C to 50°C Storage Temp: -40°C to 85°C Humidity: 5% to 95% non-condensing Enclosure: IP-63
<b>Power:</b>	14.8 Volt 1400 mAh Lithium Polymer battery
<b>RFID Frequency Ranges:</b>	902-928 MHz band
<b>Interfaces</b>	Wi Fi 802.11b/g with WPA Configurable to use fixed IP address or DHCP USB RS-232 Barcode scanner Maximum 2GB SD card storage
<b>Operating System:</b>	WinCE Profession 5.0
<b>Maximum Tag Read Rate:</b>	200 tag/sec.
<b>Maximum Speed of Tag:</b>	660 ft/min
<b>Accessories:</b>	Charger, batteries, wrist strap, shoulder strap
<b>Order Code:</b>	CS101-2
<b>Restrictions on Use:</b>	Approvals, features and parameters may vary depending on country legislation and may change without notice

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## Specifications of Embedded Antenna – RFID Antenna:

<b>Physical Characteristics:</b>	Length: 10.3 cm; Width: 9.5 cm; Height: 1.3 cm; Weight: 184 gram
<b>Environment:</b>	Operating Temp: 0°C to 55°C Storage Temp: -40°C to 85°C
<b>Gain:</b>	5.5 dBi
<b>Bandwidth:</b>	902-928 MHz band
<b>3 dB Beamwidth:</b>	70 degrees
<b>Front-to-back ratio:</b>	10 dB
<b>Polarization:</b>	Linear, Vertical

## Specifications of Embedded Antenna – Wi Fi Antenna:

<b>Physical Characteristics:</b>	Length: 5.8 cm; Width: 0.54 cm; Height: 1 mm; Weight: 1 gram
<b>Environment:</b>	Operating Temp: 0°C to 55°C Storage Temp: -40°C to 85°C
<b>Gain:</b>	2.0 dBi
<b>Bandwidth:</b>	2400 - 2482 MHz band
<b>3 dB Beamwidth:</b>	360 degrees (omnidirectional) in azimuth, 60 degrees in elevation
<b>Polarization:</b>	Linear, Horizontal