

#### Appendix 6 www.tuv.com

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# **Specifications of CS101-2:**

**Physical Characteristics:** Length: 20 cm; Width: 12.5 cm; Height: 22.5 cm; Weight:

Operating Temp: 0°C to 50°C **Environment:** Storage Temp: -40°C to 85°C

Humidity: 5% to 95% non-condensing

Enclosure: IP-63

14.8 Volt 1400 mAh Lithium Polymer battery Power:

**RFID Frequency Ranges:** 902-928 MHz band

Wi Fi 802.11b/g with WPA Interfaces

Configurable to use fixed IP address or DHCP

**USB** RS-232

Barcode scanner

Maximum 2GB SD card storage

**Operating System:** WinCE Profession 5.0

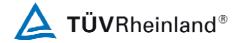
**Maximum Tag Read Rate:** 200 tag/sec. Maximum Speed of Tag: 660 ft/min

Charger, batteries, wrist strap, shoulder strap Accessories:

Order Code: CS101-2

Restrictions on Use: 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:**

Physical Characteristics: Length: 10.3 cm; Width: 9.5 cm; Height: 1.3 cm; Weight:

184 gram

**Environment:** Operating Temp: 0°C to 55°C

Storage Temp: -40°C to 85°C

Gain: 5.5 dBi

**Bandwidth:** 902-928 MHz band

**3 dB Beamwidth**: 70 degrees Front-to-back ratio: 10 dB

Polarization: Linear, Vertical

## **Specifications of Embedded Antenna – Wi Fi Antenna:**

Physical Characteristics: Length: 5.8 cm; Width: 0.54 cm; Height: 1 mm; Weight: 1

gram

**Environment:** Operating Temp: 0°C to 55°C

Storage Temp: -40°C to 85°C

Gain: 2.0 dBi

Bandwidth: 2400 - 2482 MHz band

**3 dB Beamwidth:** 360 degrees (omnidirectional) in azimuth, 60 degrees in

elevation

Polarization: Linear, Horizontal