



MECHANICAL SPECIFICATION

Dimensions	18 x 18.5 x 2.5 cm
Operating Voltage	3.7V – 5 V
Standby Mode Current	<50mA (EN high level)
Sleep Mode Current	<100uA (EN low level)
Operating Current	1.2A +/-10%
Operating Temperature	- 20°C - + 55°C
Storage Temperature	- 20°C - + 85°C
Humidity	< 95% (+ 25°C)
Air Interface Protocol	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C/ISO 18000-6B
Spectrum Range	860Mhz – 960Mhz
Supported Regions	US, Canada and other regions following U.S. FCC Europe and other regions following ETSI EN 302 208 with & without LBT regulations Mainland China Japan Korea Malaysia Taiwan
Output Power	0 – 33dBm
Output Power Precision	+/- 1dB
Output Power Flatness	+/- 0.2dB
Receive Sensitivity	< -85 dBm
Peak Inventory Speed	> 700 tags/sec
Tag Buffer Size	1000 tags @ 96 bitEPC
Tag RSSI	Supported
Antenna Detector	Supported
Ambient Temp Monitor	Supported
Working Mode	Single/DRM
Host Communication	TTL Uart port
GPIO	2 inputs opticalcoupling 2 outputs optical coupling
Max Baud Rate	115200 bps
Heat Dissipation	External cooling fin

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