



A948
UHF long range reader

Technical Specifications Table	
Frequency	865.6 ÷ 867.6 MHz (ETSI EN 302 208) - ETSI version 869.525 MHz (ETSI EN 300 220) - ETSI version 902 ÷ 928 MHz (FCC part 15) - FCC version
Output Power	SW programmable Max.: 1.5 W (32 dBm) - ETSI version SW programmable Max.: 1 W (30 dBm) - FCC version
Antenna Connectors	Nr. 4 SMA type female - FCC version Nr. 4 TNC type female - ETSI version Nr. 5 SMA type female - ETSI (DRM and HS) versions (*)
Frequency Tolerance	±10 ppm over the entire temperature range
Number of Channel	Single ch. compliant to ETSI EN 300 220 - ETSI version 10 ch. compliant to ETSI EN 302 208 - ETSI version 50 hopping ch. compliant to FCC part 15 - FCC version
Channel Occupancy	In accordance with EN 300 220 and 302 208 - ETSI version In accordance with FCC part 15 - FCC version
Receiving Capability	Gen 2 Dense Reader Mode Management - DRM version Data rate 40/160 Kbits/s - HS version
Standard compliance	ISO 18000-6B Philips UCODE EPC 1.19 EPC C1G2
Digital I/O	Four TTL input lines (optically isolated) Four TTL output lines (open collector 100mA sink optically isolated)
Ports	RS232; RS485 Half duplex; USB 2.0 Full Speed; Ethernet 10/100BASE-T
Dimensions	295 x 92 x 165 mm ³ (11.6 x 3.6 x 6.5 inches ³)
Electrical Power	110V/220V 50Hz/60Hz
Operating Temperature	-20 °C to 70 °C
Weight	2.220 g

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