

UHF RFID Fixed Type Reader (NL-RF100)



Performance Characteristics

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|------------------------------------|--|
| Supported Protocols | ISO 18000-6 Type-B/C, EPC Gen.2, EPC Class 1 (available) |
| Frequency | 910MHz ~ 914MHz (FHSS-15ch) |
| Serial Interface Parameters | 115200 bps default, 8 data bits, no parity, 1 stop bits |
| Ethernet Interface | 100Mbps – RJ45 Connector |
| Power Consumption | Active Current < 2A |
| RF Output Power | 30 dBm |
| Antenna Interface | 4-Ports |
| Electrical Power | 5V DC |

Physical Characteristics

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|--------------------------|----------------------|
| Dimensions(LxWxT) | 107 mm x 98mm x 31mm |
| Weight | 476 g |

ISO 18000-6 Type-C (EPC Gen.2) Characteristics

| | |
|-------------------------|-----------------------------|
| Modulation | ASK-DSB |
| Encoding method | PIE(TX), FM0(RX) |
| Data rate | 40 kbps (80 kbps available) |
| Modulation Depth | 90% ~ 100 % |

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