

Overviews:

GAORFID 216002 high-performance four-channel fixed UHF reader/writer adopts Impinj R2000 module with features of high integration and excellent performance. It operates in the software adjustable 860 to 960 MHz frequency ranges. GAORFID 216002 possesses diverse features including an RF module, digital signal management, versatile interfaces such as built-in RS-232 and RJ45 Ethernet, 2 x channels of optical coupling inputs, 1 x channel of dry contact relay output, etc. Its stylish (fully aluminium alloy) and compact design (only 10cm in length and width) make itself one of the smallest finished products that have built-in multiple antenna ports, and also make the 216002 easy to install and use. It is an ideal solution for applications such as warehousing, parking system, distribution, shop floor, harsh manufacturing or processing environments, outdoors.



Technical Specifications:

Operating frequency	Software adjustable 860~960MHz
RFID tag compatibility	EPC C1 GEN2 / ISO18000-6C
Communication Interface	Built-in RS-232 and RJ45 Ethernet
Output Power	30dBm
Output Power Precision	+/- 1dB
Receive Sensitivity	< -88dBm
Reading Rate	>700 tags/s
RSSI	Supported
Ambient Temp Monitor	Supported
Antenna Detector	Supported
Antenna Port	4 channel 50Ω SMA port
Dimensions	102.8mm(L) x 102.8mm(W) x 28mm(H)
Weight	329g/11.6oz(without antenna)
Material	Aluminium alloy
Input Voltage	DC 9V – 12V
Standby Current	<30mA
Work Current	800mA +/-5% @ DC 12V Input
Cooling Mode	Air cooling
Working temperature	-25 °C to 70 °C
Storage temperature	-40 °C to 85 °C
Humidity	10%- 95%



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