



ORFG-HR15T



High performance Integrated UHF RFID reader ORFG-HR15T, supporting ISO18000-6C protocol, long range reading, fast identification, excellent multi-tag reading, strong Anti-collision, automatic reading, white list functions. Widely used fixed asset management, logistic, warehouse inventory, products tracking transshipment, e parking system, vehicle management, production automation etc.

Key Features:

- Impinj IndyE510/E710 (Optional) chipset offer high performance
- Aluminum casting / waterproof housing apply to all weather industrial scenarios
- Various communication / software Interfaces helps faster application system
- Different developing languages SDK meet different developer needs
- Excellent communication protocol architecture support faster data processing algorithm
- Integrated design supports better deploy / installation / engineering / wiring
- Special application projects customized interfaces / data transferring prolongable
- Seamlessly compatible with RFID middleware for rapid implementation of large projects
- Widely used in E-parking, garbage truck, feeding vehicle, access control and so on

HARDWARE, OS AND FIRMWARE MANAGEMENT

- Firmware Upgrade: Demo software / Telnet
- API Support: Windows – .NET, C++ and Java SDK Android - Java
Linux platform – C and Java SDK

PHYSICAL CHARACTERISTICS

- Weight: Main body 1.4Kgs
- Dimensions: 276mm×276mm×40mm
- Housing Material: Aluminum plate / ABS cover

RFID CHARACTERISTICS

- Air Protocols- ISO/IEC18000-6B,6C / EPC C1Gen2
- Frequency- USA: 902 MHz-928MHz (FCC part 15) EU:
865-868MHz (ETSI EN 302208)
- Chipset - Impinj E510 (E710- Optional)
- Programming Functions- Automatic reading/ White list
- Built-in antenna- Circular 9dBi, VSWR ≤ 1.2:1
- Output Power- 0dBm-30dBm (±1dBm) adjustable
- Channel bandwidth- >200KHz
- Reading Distance- 0-15m (According to Tag & Environment)
- Anti-collision- RSSI / multi-tag / intensive inventory
supportable
- Work Mode- Fixed/hop frequency optional



CONNECTIVITY

- Communications- RJ45, RS-232, RS-485, Wiegand
- General Purpose I/O- 1 optcoupler input, 1 pair 5V output or Wiegand
output (Wiegand output is shared with 5V output)
- Power supply- DC 24V/2.5A (DC 9V ~ 30V,30W)

ENVIRONMENTAL

- Operating Temp.- -30 ~+70°C
- Storage Temp.- -40 ~+85°C
- Humidity- 5-90% non-condensing (+25°C)
- Sealing- IP66

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235, Blue Rose Industrial Estate, Off Western Express Highway, Dattapada Road,
Borivali (E), Mumbai-400066.

Contact: +91 022 28540144

Email: sales@ortusautomation.com | www.ortusautomation.com