



2E-7206

Features

- Powered by Impinj Indy R2000 chipset for maximum tag detection performance
- Aluminum casting / waterproof housing applies 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 supports faster data processing algorithm
- Integrated design supports better deploy / installation / engineering / wiring
- Special application projects customized interfaces / data transferring expandable
- Seamlessly compatible with RFID middleware for rapid implementation of large projects
- Widely used in E- parking, garbage truck, feeding vehicle, AGV, access control, etc



Power, RS232, RS485,
Wiegand, GPIO,
Ethernet optional



Specifications

Hardware, OS and Firmware Management

	ARM9, 400MHz
Memory	Flash 128MB, DRAM 32 MB
Operating System	Linux 2.6
Firmware Upgrade	Demo software / Telnet
API Support	Windows - .NET, C++ and Java SDK Android - Java Linux platform - C and Java SDK

Physical Characteristics

Dimensions	290mmx290mmx55mm
Weight	1.6Kgs
Housing Material	Aluminum plate / ABS cover

RFID Characteristics

Air Protocols	ISO/IEC18000-6B,6C / EPC C1 Gen2
Chipset	Impinj Indy R2000
Frequency	USA: 902 MHz- 928MHz (FCC part 15)
	EU: 865- 868MHz (ETSI EN 302208)
	CN: 920- 925MHz (CMIIT)
Supportable /optional	Russian / Japan / Korea / Malaysia / Thailand / other customizable
Programing Functions	Automatic reading/ White list Breakpoint Resume / Match reading / Data filter Data format customizable (PLC / Modbus compatible) RF Micron / EM Temperature sensor custom Services
Built-in antenna	Circular 9dBi, VSWR ≤ 1.2:1
Output Power	0dBm- 30dBm (31 dBm) 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 optocoupler 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)
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Environmental

Operating Temp.	- 20 - +70°C
Storage Temp.	- 40 - +85°C
Humidity	5- 90%non- condensing (+25°C)
Sealing	IP65

Construction Appearance

