



Impinj® Monza® R6-P UHF On-Metal License Plate RFID Tag



SKU:	RS-R6P-OMABS-20112
Chip Type:	Impinj® Monza® R6-P
Frequency:	UHF 860-960 MHz
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
EPC Memory:	128 bits
User Memory:	64 bits
TID Memory:	96 bits
Serial Number:	48 bits
Read Range:	Up to 15 m (Depending on readers and antennas)
Industry:	Automotive, Transportations
Applications:	ETC, Metal, Vehicle Tracking

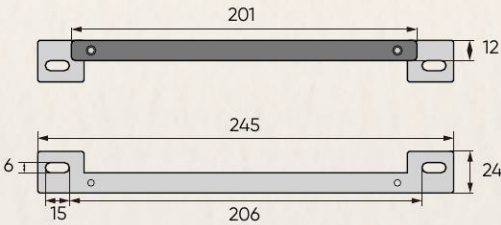
The Impinj® Monza® R6-P UHF On-Metal License Plate RFID Tag is a rugged, high-performance identification solution engineered specifically for use on metal surfaces. Powered by the advanced Monza® R6-P chip, it delivers outstanding read sensitivity, extended read ranges, and stable performance even in harsh outdoor environments. Its robust ABS housing provides excellent resistance to water, moisture, dust, and temperature variation, making it an ideal choice for vehicle license plate tracking, ETC systems, vehicle identification, and metal asset management.

Installation is simple and versatile: the tag can be securely mounted using double-sided adhesive, silicone sealant, or screws, ensuring reliable attachment across various application scenarios. When applied directly to metal, it achieves optimal RF performance and operates fully in accordance with ISO/IEC 18000-63 (EPCglobal Gen2v2) standards. Combining durability, adaptability, and superior on-metal RF efficiency, this tag is a dependable solution for long-term vehicle management, intelligent transportation, and ETC tolling applications.

Physical Information	Material	ABS
	Tag Size	201×12 mm(Customizable)
	Weight	28 g
	Operating Environment	-20°C~+70°C, 20%~80% RH
	Storage Environment	-40°C~+85°C, 40%~60% RH
	Mounting Method	Stick & Screw
	Surface	Metal, License Plate

Technical Information	Operating Frequency	860-960 MHz
	Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
	Chip Type	Impinj® Monza® R6-P
	EPC Memory	128 bits
	User Memory	64 bits
	TID Memory	96 bits
	Serial Number	48 bits
	Read Range	Up to 15 m(Depending on readers and antennas)
	Fast Memory Write Speed	1.6 ms for 32 bits
	TagFocus™ mode	Support
	FastID™ mode	Support
	Security Features	32 bits Kill & Access Password

Label Dimensions
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
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