

UHF | RAIN - Handheld Reader **CHAINWAY - C66 SLED**

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- Based on Impinj E-Series engine with Gen2X support
- Adjustable 1 W output power (+5 to +30 dBm)
- Long read range up to 30 m (MR6 tag)
- Designed for reliable, heavy-duty industrial use



UHF | RAIN - Handheld Reader High-Performance UHF Sled for C66

The C66 UHF Sled transforms the Chainway C66 into a high-performance RFID powerhouse, delivering exceptional read range and speed for demanding industrial environments. Powered by an Impinj E-Series engine with Gen2X support, the R6 UHF Sled achieves read distances of up to 30 meters and delivers ultra-fast tag acquisition rates exceeding 1300 tags per second. Its circular polarized antenna ensures reliable performance even in challenging, interference-prone environments, making it ideal for high-volume inventory, asset tracking, and logistics workflows. The adjustable 1 W output and optional 2 W configuration provide the flexibility needed for extended coverage requirements, including large warehouses and outdoor operations.

Designed as a rugged, modular extension, the UHF Sled seamlessly integrates with the C66 mobile computer through a secure pin connector or Bluetooth communication mode. This modular approach allows organizations to upgrade to enterprise-grade RFID capabilities without sacrificing mobility, ergonomics, or workflow efficiency. Whether in manufacturing, warehouse management, transportation, field inspection, or retail logistics, the C66 UHF Sled delivers the power, durability, and scalability needed to accelerate data capture and streamline critical business processes.

Common Applications

- Warehouse & Logistics RFID Inventory
- Retail Backroom & Stock Management
- Asset & Tool Management
- Transportation & Supply Chain Operations
- Outdoor and Long-Range RFID Scenarios

CHAINWAY

Powering Intelligence at the Source



TECHNICAL SPECIFICATIONS

UHF | RAIN

Engine	Based on Impinj E Series chips
Operating Frequency	865-868MHz / 920-925MHz / 902-928MHz
Supported Standards	EPC C1 GEN2 / ISO18000-6C
Impinj Gen2X	Supported
Protocol	+5dBm to +30dBm adjustable
Antenna	Circular Polarized Antenna (3 dBi)
Power	1W (30dBm, support +5~+30dBm adjustable)
	2W Optional (33dBm, for Latin America, etc.)
Max Read Range	30m (Impinj MR6 tag, size 70 x 15mm) 28m (Impinj M750 tag, size 70 x 15mm) 31m (Alien H3 Anti-Metal tag, size 130 x 42mm)
Fastest Read Rate	1300+ tags/sec
Communication Mode	Pin Connector / Bluetooth