

NX-UHF10 Pro

UHF Long-Range RFID Reader

Hands-free vehicle access control
 — 6 to 40 meter reading range with ISO18000-6C compliance



The Nexakey NX-UHF10 Pro is a third-generation UHF RFID reader engineered for long-range vehicle and personnel access control. Supporting ISO18000-6C passive UHF tags, this reader delivers reading distances from 6 to 40 meters with fast tag recognition and minimal signal interference. Dual operating modes (Trigger to Read and Always Read) provide flexible deployment options, while Wiegand 26 output ensures compatibility with standard access control systems. With IP66 weatherproof rating, 8-12 dBi antenna gain, and LED status indicators, the NX-UHF10 Pro is ideal for parking gates, warehouse entrances, and automated vehicle management systems.

KEY FEATURES

- ✓ **Long-Range Detection** — 6 to 40 meter reading distance captures vehicle tags from extended range for smooth entry flow
- ✓ **Dual Reading Modes** — trigger-to-read for controlled scans or always-read for continuous monitoring — select per application
- ✓ **Wiegand 26 Output** — standard Wiegand interface integrates seamlessly with most access control panels and gate controllers
- ✓ **IP66 Weatherproof** — outdoor-rated housing withstands rain, dust, and harsh environmental conditions
- ✓ **Fast Tag Recognition** — third-generation UHF chipset ensures rapid tag detection with reduced read failures
- ✓ **LED Status Indicators** — bottom-mounted LEDs provide instant visual feedback on successful reads and system status

APPLICATIONS

- Vehicle Access Control & Gate Automation
- Parking Management Systems
- Warehouse & Factory Logistics
- Personnel Tracking & Attendance
- Toll Collection & Highway Systems
- Residential Community Access

TECHNICAL SPECIFICATIONS

Model	NX-UHF10 Pro	Reader Type	UHF Long-Range RFID Reader
Reading Distance	6 ~ 40 meters	Frequency	865–868 MHz
Tag Standard	ISO18000-6C (EPC Class 1 Gen 2)	Antenna Gain	8–12 dBi
Operating Modes	Trigger to Read / Always Read	Data Output	Wiegand 26 (Default, Configurable)
Power Consumption	<1W	Power Supply	DC 12V
Operating Temperature	-25°C ~ +70°C	IP Rating	IP66 (Outdoor Weatherproof)
LED Indicators	Bottom-Mounted Status LEDs	Dimensions	180 × 180 × 30 mm
Weight	1.2 kg	Certifications	CE, FCC
Warranty	24 Months		

CERTIFICATIONS

