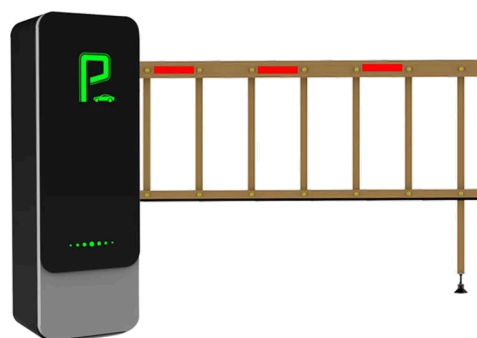


NX-PBFe2118

Fence Boom Parking Barrier Gate

4.5m fence boom with 8 million cycle durability
 — brushless DC motor, IP54, RS485 integration



The Nexakey NX-PBFe2118 is a heavy-duty fence boom parking barrier featuring a 4.5-meter ladder-style arm with optional configurations up to 6 meters. Powered by a 24V brushless DC motor factory-tested to 8 million operation cycles, it delivers energy-efficient, maintenance-free performance for high-traffic vehicle access points. With IP54 weatherproof rating, adjustable open/close speed of 0.8–6 seconds, anti-collision auto-reverse, and RS485/Dry Contact communication, the NX-PBFe2118 integrates seamlessly with RFID, biometric, and ANPR systems for complete parking management automation.

KEY FEATURES

- ✓ **24V Brushless DC Motor** — energy-efficient full-copper motor rated for 8 million cycles — near-zero maintenance requirement
- ✓ **IP54 Weatherproof Rating** — protected against dust and water jets — reliable for outdoor parking lots in all weather conditions
- ✓ **Adjustable Speed 0.8–6s** — configurable open/close speed matches traffic flow and boom type for optimized throughput
- ✓ **Anti-Collision Auto-Reverse** — barrier instantly reverses upon detecting an obstacle — protects vehicles and boom arm from damage
- ✓ **RS485 + Dry Contact** — dual communication protocols support RFID, biometric, ANPR, and PLC-based access control integration
- ✓ **Remote Control ≤30m** — wireless remote operation from up to 30 meters enables flexible manual override by security staff

APPLICATIONS

- Commercial & Corporate Parking Lots
- Factory & Warehouse Vehicle Gates
- Shopping Malls & Supermarkets
- Residential Societies & Compounds
- Hospitals & Educational Institutions
- Government Buildings & Checkpoints

TECHNICAL SPECIFICATIONS

Model	NX-PBFe2118	Type	Fence Boom Parking Barrier
Boom Length	4.5m Standard (Up to 6m Customizable)	Housing Dimensions	340 × 278 × 1020 mm
Housing Thickness	1.5 mm Steel	Motor	24V Brushless DC (Full Copper)
Power Consumption	DC 150W / AC 125W	Open / Close Speed	0.8 ~ 6 Seconds (Adjustable)
Lifecycle	8,000,000 Operations	IP Rating	IP54 (Weatherproof)
Power Supply	AC 220V ± 10%, 50~60Hz	Remote Control Range	≤ 30 Meters
Communication	RS485 / Dry Contact	Operating Temperature	-30°C ~ +70°C
Certifications	CE, RoHS, ISO 9001:2015	Warranty	24 Months

CERTIFICATIONS

CE

RoHS

NEXAKEY

IT & Security Automation

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