

# NX-BOL600

## Automatic Hydraulic Rising Bollard

600mm rise in under 4 seconds — IP68, 304 stainless steel

— electro-hydraulic anti-ram protection for high-security zones



The Nexakey NX-BOL600 is a heavy-duty automatic hydraulic rising bollard engineered for perimeter security and anti-ram protection in high-security environments. Constructed from 304-grade stainless steel with 219mm diameter and 6mm wall thickness, it rises 600mm above ground in under 4 seconds. With IP68 full waterproof rating, -30°C to +60°C operating range, integrated LED warning light strip, and support for RFID, ANPR, and remote control integration, the NX-BOL600 is the definitive vehicle access control solution for embassies, government facilities, military installations, banks, and critical urban infrastructure.

### KEY FEATURES

- ✓ **304 Stainless Steel Column** — 219mm diameter, 6mm wall thickness — impact-tested for anti-ram protection in critical zones
- ✓ **Fast Rise ≤4 Seconds** — electro-hydraulic system raises the bollard in under 4 seconds for rapid access control response
- ✓ **IP68 Full Waterproof** — completely sealed against dust and continuous water submersion — reliable in all outdoor conditions
- ✓ **LED Warning Light Strip** — high-brightness LED strip provides 360° visible warning for vehicles approaching in low-light conditions
- ✓ **Extreme Temperature Range** — operates from -30°C to +60°C with optional heating module extending performance to -45°C
- ✓ **Multi-System Integration** — supports RFID, ANPR, remote control, and loop detector inputs for automated access management

### APPLICATIONS

- Embassies & Diplomatic Missions
- Government & Military Installations
- Banks & Financial Institutions
- Airports & Critical Infrastructure
- Commercial Parking & VIP Areas
- Shopping Malls & Urban Perimeters

### TECHNICAL SPECIFICATIONS

|                       |                                   |                  |                                    |
|-----------------------|-----------------------------------|------------------|------------------------------------|
| Model                 | NX-BOL600                         | Type             | Automatic Hydraulic Rising Bollard |
| Column Diameter       | 219 mm                            | Column Thickness | 6 mm (± 1 mm)                      |
| Column Material       | SUS304 Stainless Steel            | Blocking Height  | 600 mm (± 5 mm) Above Ground       |
| Embedded Depth        | 1100 mm (± 5 mm)                  | Rise Time        | ≤ 4 Seconds                        |
| Drive System          | Electro-Hydraulic Integrated Unit | IP Rating        | IP68 (Full Waterproof & Dustproof) |
| Operating Temperature | -30°C ~ +60°C (Heating to -45°C)  | Warning Light    | High-Brightness LED Strip (360°)   |
| Control Input         | RFID, ANPR, Remote, Loop Detector | Power Supply     | AC 220V ± 10%, 50~60Hz             |
| Certifications        | CE, RoHS, ISO 9001:2015           | Warranty         | 24 Months                          |

### CERTIFICATIONS

CE

RoHS

### NEXAKEY

IT & Security Automation

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