

NX-SBTL2620

Lane Builder Swing Barrier (Extension Unit)

Multi-lane expansion for NX-SBTL2600 swing barrier systems

— IR tailgating detection, fail-safe, indoor installation



The Nexakey NX-SBTL2620 is a lane builder swing barrier designed as a secondary extension unit for multi-lane access control deployments alongside the NX-SBTL2600 main unit. Sharing the same 1400×140×1000mm stainless steel housing, it expands entry capacity for high-traffic corporate lobbies, government facilities, and commercial buildings without duplicating the primary controller. Built-in infrared tailgating detection, automatic re-close after 3 seconds, unauthorized entry alarm, and fail-safe emergency open mode ensure seamless and secure pedestrian flow management across multi-lane installations.

KEY FEATURES

- ✓ **Lane Builder Extension Unit** — designed to expand NX-SBTL2600 installations — creates multi-lane access points with shared control
- ✓ **IR Tailgating Detection** — infrared sensors monitor the passage zone and detect multiple entries per authorization event
- ✓ **Unauthorized Entry Alarm** — triggers alert if entry is attempted without authorization or in the wrong direction
- ✓ **Auto Re-Close in 3 Seconds** — barrier closes automatically if no pedestrian passage is detected after authorization signal
- ✓ **Fail-Safe Emergency Mode** — swing arms open automatically on power failure or fire alarm for safe evacuation
- ✓ **Consistent Housing Design** — matches NX-SBTL2600 aesthetics exactly — seamless visual integration in multi-lane deployments

APPLICATIONS

- Corporate Offices & Government Buildings
- Hospitals & Healthcare Facilities
- Airports, Train Stations & Transit Hubs
- Educational Institutions & Campuses
- Commercial Complexes & Shopping Malls
- High-Security & Restricted Areas

TECHNICAL SPECIFICATIONS

Model	NX-SBTL2620	Type	Lane Builder Swing Barrier (Extension Unit)
Compatible With	NX-SBTL2600 Main Unit	Housing Dimensions	1400 × 140 × 1000 mm
Housing Material	SUS304 Stainless Steel	Housing Thickness	1.2 mm + 1.0 mm Steel
Power Consumption	40 ~ 70W	Power Supply	AC 220V ± 10%, 50Hz
Auto-Close Time	3 Seconds (No Passage Detected)	Fail-Safe Mode	Arms Open on Power Loss / Fire Alarm
Anti-Tailgating	Infrared Sensor Detection	Alarm Output	Unauthorized Entry / Wrong Direction
Operating Temperature	-15°C ~ +70°C	Installation	Indoor Only
Certifications	CE, FCC, RoHS	Warranty	24 Months

CERTIFICATIONS



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