

HIGHWAY-NG

HighWay-NG - perfectly combines modern aesthetics and functionality. The glass leaves made of impact-resistant glass and provide a feeling of transparency and make it ideal for the most demanding building entrances.

HighWay-NG combining different technologies to achieve state of the art performances, passage detection algorithms constantly monitor the flow of persons through the monitored area until they exit, High leaves exclude the possibility of unauthorized passage, but also prevent to transfer of anything above the turnstile, and provides high visibility of pedestrian progress. The sophisticated sensor systems ensure a high object security with simultaneous regard to pedestrian safety. Changeable illumination and expressive indication makes this turnstile usage safe and comfortable for passengers.



TURNSTILE HIGHWAY IS THE IDEAL SOLUTION CONNECTING MULTI-LEVEL PROTECTION, MODERN DESIGN AND FUNCTIONALITY!



Key advantages

- BMDrive® - Reliable mechanism with powerful BLDC gear motor ensures long term maintenance free operation;
- The safety function of locking system BMDrive® prevents the glass leaf breaking in case of vandalism, and also automatically restores the full operation of turnstile after excessive loads on the leaf;
- Fast and durable leaf locking system ToothLock® works in two modes HiSecurity and LowNoise;
- LowNoise mode makes the turnstile operation almost silent
- The smart self-diagnosing system of mechanism BMDrive® automatically analyzes the system, detects critical malfunctions, and records error log and warnings;
- The BMDrive® mechanism controller is equipped with an OLED display for easy setup and configuration without special programmers, also a full configuration and diagnostics is possible via a USB connector by using a service software for Windows OS;
- Digital control of force and leaf speed in combination with six safety sensors prevent a passing person from being struck by a leaf, even in case of an unauthorized passage;
- Sensor system allows detecting the passage of person with luggage, arranging a free exit without the need for identification;
- By use of artificial intelligence algorithms and large number of high-precision infrared passage sensors, the turnstile detects and sounds the alarm when two people try to pass by one card, pass in the wrong direction and pass without authorization;
- Elegant cabinets equipped with integrated LED lighting
 - DotLights® LED lighting display showing access status
 - RFIDLights® - LED Light of card reader area
 - EdgeLights® - LED Light of glass partitions showing turnstile access status;
- Wide passage solution for disabled and trolley access that can be combined with narrow passage;
- Safe and swing tempered glass leaves;
- Successful combination of affordable price and high quality;
- The ability to customize housing design and top lid;
- Low power consumption ;
- Can be integrated with any type of access control systems;
- Wired remote control panel in standard kit;
- In case of power failure, leaves could be opened manually (fail-safe);

Options

- Any access control systems upon request (e.g. RFID / Proximity / BioMetric readers, coin acceptor, push button, barcode and QR-code reader)
- passage counter
- Sound alarm
- MP3 audio module with micro SD card
- Ramped base mobile platform

Technical Specifications:

Model	HighWay-NG
The turnstile dimensions WxBxH	2228 x 1205 x 1300 mm
Passage width	1000 mm
Open or close speed	1,5 sec.
Mechanism	BMDrive® servo-driven (BLDC)
Locking system	ToothLock®
Mean time to failure	MCBF 10 000 000 cycles

Electrical Specifications:

Maximum power consumption	160 W
Voltage	- from the AC (100-240)V, 50/60Hz - from a DC source 12 V
Indication	DotLights®, RFIDLights®, EdgeLights®

Materials:

Standard	Brushed SS AISI 304
Available housing	- Brushed SS AISI 316 - Polished SS AISI 304 - Polished SS AISI 316 - Powder coated RAL
Leaf:	- Stainless steel - Solid glass
Modification of cabinets	- Single side cabinet Master or Slave - HighWay-NG-1 - One double sided/middle cabinet Master/Slave - HighWay-NG-2

Recommended installation areas:

- Governmental Institutions
- Commercial areas
- Financial institutions
- Airport Premises
- Business (Office) Centers
- Hotels
- Sport Complexes
- Recreation areas
- Urban areas
- Education Institutions and others



