

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.

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.



*IDEAL SOLUTION CONNECTING MULTI-LEVEL PROTECTION
WITH MODERN DESIGN AND FUNCTIONALITY*



Key features:

- 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
- Fast and durable leaf locking system Toothlock® works in two modes HiSecurity and LowNoise
- Digital control of force and leaf speed in combination with safety sensors prevent person from being struck by a leaf, even in case of an unauthorized passage
- Sensor system allows detecting the passage of person with luggage, or arranging a free exit without the need for identification
- Elegant cabinets equipped with integrated LED lighting showing access status and card reader area
- The smart self-diagnosing system of mechanism BMDrive® automatically analyzes the system
- 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)

*optional



www.tiso.global
+380 (44) 291-21-11
sales@tiso.global



Technical Specifications:

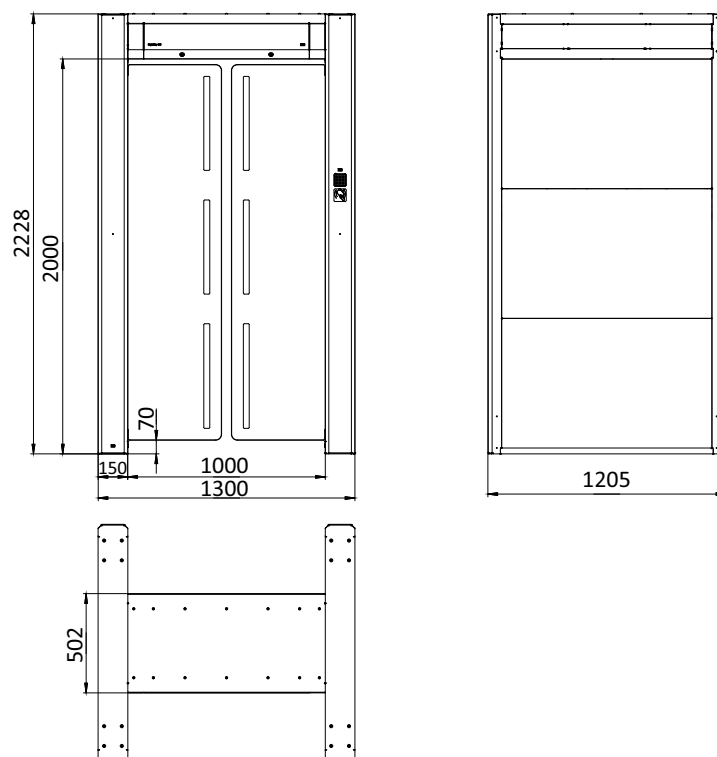
Model	HighWay-NG
Cabinet width, mm	1300
Cabinet length, mm	1205
Cabinet height, mm	2228
Passage width, mm	1000
Opening/closing time, sec	1,5
Mechanism	BMDrive® servodrive (BLDC)
Blocking system	ToothLock®
Emergency mode (fire-alarm)	Free entry/exit (leaves are opened automatically)
Power fail	Fail safe (leaves could be opened manually — standard)
MCBF, cycles	10 000 000
MTTR, min	< 25

Electrical Specifications:

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

Finishing

Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316; Polished SS AISI 304; Polished SS AISI 316; Powder coated RAL



*optional

Specifications are subject to change without prior notice.www.tiso.global

+380 (44) 291-21-11

sales@tiso.global



UPS FUNCTION

Introducing our advanced UPS system, seamlessly integrated to automatically switch power to the backup battery during outages. This ensures uninterrupted functionality of our turnstile, empowering you to utilize all features even in the event of a power failure. Battery not included.



POWER SUPPLY UNIT

Operates in a wide voltage range: 88 - 264 VAC (47 - 63 Hz). A reliable power supply unit is included to the standard set of the turnstile and guarantees reliable and maintenance-free operation of the turnstile in any country worldwide.



CONTROL PANEL

The wired control panel goes in a standard set. Allows to implement a single passage, a free passage, as well as blocks an access and activates the anti-panic function.

*optional

STANDARD FEATURES



SAFETY SENSORS, ANTI-TAILGATING FUNCTION

Our high-precision sensors excel in identifying unauthorized passage, effectively preventing tailgating by detecting two or more individuals. Additionally, our safety sensors ensure secure passage for individuals with luggage or trolleys, ensuring gates remain open until the passage is completed.



LED INDICATIONS

Introducing our RFIDLight® and DotLight® features, designed to captivate attention and enhance user experience: RFIDLight®: Illuminates card reader area. DotLight®: Displays access status.



PLACE FOR RFID INSTALLATION

RFID installation space included in standard speedgate configuration.

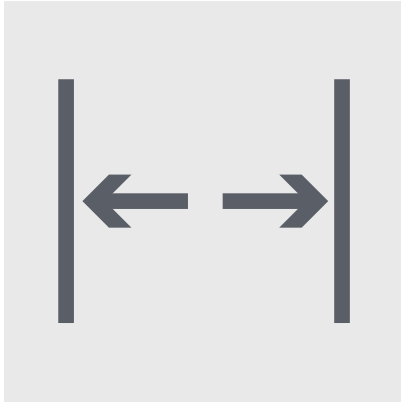
*optional



www.tiso.global
+380 (44) 291-21-11
sales@tiso.global



OPTIONAL FEATURES



PASSAGE WIDTH EXPANSION

Available for full-height turnstiles up to 1200 mm is available, allowing for a wider entryway to accommodate varying access needs.



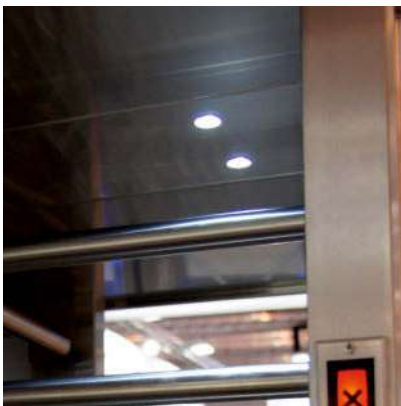
MOBILE PLATFORM

Ensures quick temporary turnstile installation. As well as can be installed in areas where it is impossible to drill the floor.



INTEGRATION OF CUSTOMIZED ACS

Any access control systems up on request (e.g. RFID device, fingerprint, face recognition, barcode and QRcode reader).



LANE LIGHT

The lane light highlights the passage area of the turnstile, providing improved visibility in low-light conditions, enhancing user safety and comfort.



CANOPY

A canopy protects users and the turnstile mechanism from weather conditions, enhances reliability and user comfort, and extends the device's lifespan.



RFID READERS T-PROX MINI

Reader operates with 125 kHz cards, Mifare, Mifare Plus and mobile credentials U-Prox ID over NFC and over 2.4 GHz radio.

*optional



www.tiso.global

+380 (44) 291-21-11

sales@tiso.global

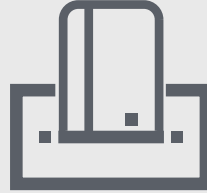


OPTIONAL FEATURES



SUPER CAPASITOR (FAIL SAFE OPENING)

It is used to ensure reliable turnstile opening in case of power failure. It can enable safe exit for individuals in emergency situations, such as power outage or system malfunction.



CARD COLLECTOR INTAGRATION

The integration of a card collection system into a full-height turnstile is possible as an additional option. This solution ensures reliable access control and efficient visitor monitoring.



TWIC WIRELESS CONTROL PANEL

TiSO TWIC wireless control panel has space saving 10" touch screen display and can be located at a reception desk or within security control areas.



PATTERN APPLICATION

Customize your turnstile with unique signatures, patterns, logos, and more, seamlessly placed on the leaves or housing.

randomly
chosen



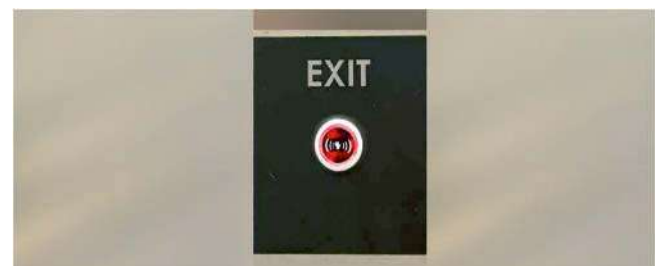
RANDOMIZER

This mechanism automatically randomly selects a person for verification, without the influence of the human factor.



PASS COUNTER

Automatically counts the number of passes for efficient tracking and management.



EXIT BUTTON

A convenient option that allows you to organize an exit by using a touch free button.

*optional



www.tiso.global

+380 (44) 291-21-11

sales@tiso.global

