

TRANSPORT GATE HIGH SECURITY



EASIER's TGH represents the optimal balance between throughput, design, robustness, and security, aiming to maximize the prevention of fare evasion.

easier

AI AUTOMATIC
SYSTEMS

IBER



PUBLIC TRANSPORT

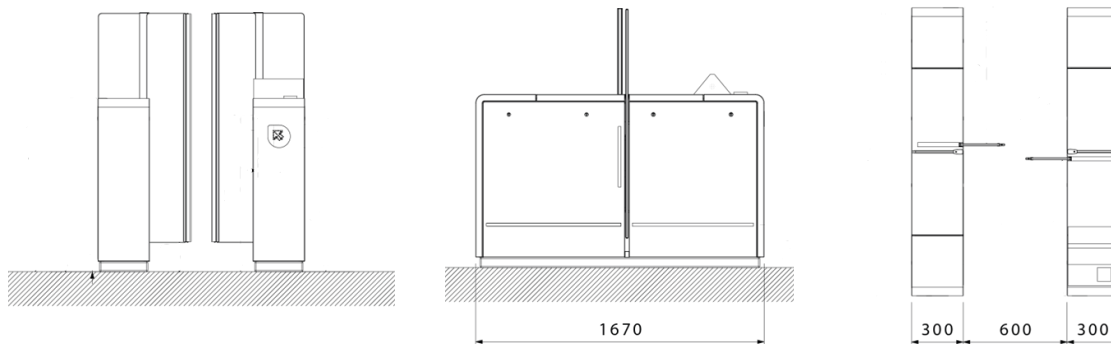
DESCRIPTION

EASIER's TGH is a robust and high performance automatic retractable gate ensuring rapid, efficient and safe pedestrian control.

With features including an exclusive powerful detection system called DIRAS™ (Automatic Systems Infrared Detection), the TGH provides best-in-class detection level currently on the market against fraudulent passages while guaranteeing the user's safety. This system performs a precise monitoring of the users behavior throughout the lane, ensures their safety and a high rate of infractions detection.

The TGH is a modular product that can be installed in single or multiple lanes, with different passage widths ensuring easy access for people with reduced mobility, wheelchairs, trolleys, and large objects. The cabinet allows the integration of magnetic, contactless, barcode and biometric readers.

A typical bank of lanes will be composed of one right unit, one left unit, with additional intermediate units equipped with mobile obstacles on both sides. The different modes are configurable by software: "Controlled", "Free" or "Forbidden" in each direction independent.



PRODUCT SPECIFICATIONS

	STANDARD CONFIGURATIONS	OPTIONS
PASSAGE WIDTH	600 mm (Standard) 900 mm (PRM)	Between 550 mm and 600 mm (STD) Between 800 mm and 900 mm (PRM)
HOUSING	1.5 mm thickness 304 L stainless steel Security locks	2 mm thickness 316 L stainless steel Up to 2200 mm cabinet length
PROTECTION CLASS	IP43 IK09	IP54 (applicable for the kinematic area / component) IK10
MOBILE OBSTACLES THICKNESS	10 mm thickness tempered glass	12 mm thickness tempered glass 12 mm thickness tempered and laminated glass
MOBILE OBSTACLES HEIGHT	1600 mm	Between 1200 and 1800 mm
POWER FAILURE	Gravity - operated opening	UPS or self-supporting battery
MOTOR (x2/LANE)	Asynchronous 3-phases, 120 W	
OPENING TIME	0.7 s (TGH800) / 1.0 s (TGH810)	
CLOSING TIME	0.8 s (TGH800) / 1.2 s (TGH810)	
MTTR	< 30 minutes	
RELATIVE HUMIDITY	95% humidity without condensation	
OPERATING TEMPERATURE	-10°C to +50°C	
MCBF (MECHANICAL)	> 5,000,000 cycles (with respect of the recommended maintenance)	
WEIGHT (KG)	TGH800 / TGH810 250 / 340 (Right unit) 295 / 360 (Intermediate unit) 240 / 320 (Left unit)	
POWER SUPPLY	110/230 VAC (+/- 10%), 50/60 Hz, 10 A max	
CONSUMPTION PER LANE (w/o reader)	Standby: 110 W, Operating: 250 W	

MAIN COMPONENTS TO CONFIGURE YOUR TGH (*)

- Housing: RAL painting / Opening detection sensors
- Obstacles: Plastic film / Personalized logo
- Adjustable base (compensate floor deviation)
- RGBW orientation pictogram (strip LED and arrow / cross pictogram)
- Display: possibility to have a screen between 7" and 10"
- Loudspeaker to play recorded messages
- Internal cooling / heating system
- Emergency push button

(*) Other customizations available on request