



Card Printing Solutions

CARDS-X TURNSTILE T6



Bespoke
Colour

RGB LED ring shows the turnstiles operating status and can be set to any desired colour to suit branding.



Reader
Options

Equipped with a barcode reader which supports 1D & 2D codes and with RFID options available.



Ethernet
Connection

Equipped with an ethernet connector. Communication with the server is done via LAN/Internet.

Exceptional operations require extraordinary solutions.

The Turnstile T6 was developed as part of a complete access control system for stationary or mobile operation. The T6 consists essentially of a motor-operated drive unit with locking arms, and a head unit with readers for different media. The head unit and drive unit are connected by a light ring. The light ring shows the state of the turnstile in different colours.









The microprocessor-controlled drive unit is installed in a powder-coated stainless-steel housing and drives the arms with a 24V DC motor. Presenting a valid ticket, the motor rotates the arms in access direction to indicate the approval. After access is completed, the arms are locked through a magnetic brake in the idle position.

The development of the drive unit is focused on reliability and flexibility. The drive can be connected via a serial interface to a PC. The complete configuration of the drive is done via software (Windows) and is then transferred to the motor-controller's MPU.

The microprocessor-controlled terminal is equipped with a barcode reader which supports all common 1D and 2D codes. The position of the scanner allows the use of different size tickets as well as the use of smartphones. Optionally an RFID module can be added, to read standard transponders in 13.56MHz or 125KHz technology.

The T6 is equipped with an ethernet connector and communication with the server is done via LAN/Internet



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|  <p>Contactless
13,56 & 125 KHz</p> |  <p>Fast Entry
40 Persons / Min</p> |  <p>Weight
50 kg</p> |
|  <p>Barcode Reader
1D & 2D</p> |  <p>2 Years
Warranty</p> |  <p>Interface
LAN/Ethernet</p> |
|  <p>Windows
Compatible</p> |  <p>LED Ring Colours
All Colours</p> |  <p>Display
TFT Monitor 7"</p> |

T6	TECHNICAL DATA
Dimensions (mm)	1400 Height 324 Shell Diameter 1000 Module Size Width
Weight	50kg
Material Shell (Base)	Stainless Steel, Powder Coated
Material Terminal	Stainless Steel
Arm Assembly	Standard 120degrees, Stainless Steel
Drive Mechanism	Electronic, DC Motor
Lock, Brake	Electromagnetic
Power	100-240VAC 47-63Hz 18-60W (Access/Error)
Operating Temperature	0-40° C, 32-104° F
Humidity	0-90%
Power On Time	100%
Performance	40 Persons/min
Barcodes	1D, 2D, Smartphone
Display	TFT Monitor, 7"
Light Signal	LED Ring (Any Colour)
Beeper	Piezo
Mechanical Feedback	Yes
Interface	LAN/Ethernet
Response Time	< 1 Second (typ. 100ms)
Options	
RFID Module 13.56 MHz	ISO 14443A, B (CSN, UID) ISO15693 (CSN, UID) NFC (CSN, UID)
RFID Module 125 KHz	MIFARE Family, my-D Proximity, I-Code SLI, Tag-it HFI EM4102, 4150, 4450 (CSN) Hitag 1, 2 S (CSN, UID)



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CONTACT US



t: +49 2104 83203-0
e: INFO@CARDS-X.COM

t: +44 (0) 1653 917 297
e: INFO@CARDS-X.CO.UK

WWW.CARDS-X.COM