

Fastlane[®] 400 OT

with Ethernet Connectivity

F

fastlane
turnstiles by IDL

Setting the Standard

The 400 OT utilises all of the class leading electronics associated with the rest of the Fastlane range but is a barrier free model. Whilst not compromising on security or pedestrian detection the 400 OT offers a non-confrontational solution for entrance control. With the latest technologies employed in the Fastlane infrared beam matrix the OT can make very accurate decisions about what it sees moving through the lane and is pre-conditioned to act accordingly, giving alarms and warnings only when required, avoiding any false alarm.



As with the rest of the Fastlane range of products the 400 OT utilises multiprocessor technology to ensure that anything moving between the pedestal is accurately and speedily assessed. A decision is made as to whether the entity detected constitutes a security risk, and consequently an alarm warning is generated. All of the Fastlane range are compatible with all known access control products and now feature Ethernet connectivity with Fastlane *Connect*. Fastlane *Connect* offers direct connection to computer networks, enabling remote monitoring and control of the turnstiles from any connected device.

Barrier type

GLASS

ARM

OPTICAL

Secure

- Class leading infrared detection systems
- Detects and deters tailgaters in very close proximity

Accurate

- Accurately assesses traffic through the lane
- Differentiates body mass from smaller objects
- Provides instant feedback of traffic flow and incidents

Features

- Quick and safe
- High processing speed reduces traffic build-up
- No barrier to impede movement

Aesthetics

- Inspired, elegant design
- Barrier free for a clean un-obstructed look
- Slim pedestal design minimising footprint

Reliability

- Quality build lowers whole life costs
- Fewer failures mean lower repair costs
- Online diagnostics and support packages

Fastlane[®] 400 OT

with Ethernet Connectivity



Physical

Enclosure material
Dimensions L x W x H
Weight
Lane width
DDA/ADA Lane Width
Infrared optical matrix – pulsed beam paths
Infrared wavelength nm
Tailgate detection distance

Stainless steel 304, 240 grit (satin no. 4), horizontal grain
972 x 168 x 965mm / 38.3" x 6.6 x 38 Inches
47kg / 103lbs
660mm / 26" to 914mm / 36"
914mm / 36"
24
940
5mm / 1/4"

Pedestrian Access Throughput

Optical system performance
Card buffering capacity
Turnstile functions

1 person per second
10 cards max
As detailed in the configuration manual

Turnstile Power Specifications

Per Lane

24Vdc 0.5A (max)

Environmental

Temperature
Relative humidity
Energy consumption per lane
Ingress protection

5 to 50 degrees centigrade
5 to 95% non-condensing
105kW hours per annum
IP40 (Internal building applications only)

Power Supply (Included)

Enclosure
Modules
Input voltage
Approvals

Black mild steel, wall mounted, 330mm (13") x 200mm (8") x 136mm (5.5")
Single, Dual or quad 24Vdc 2.5A overcurrent fold back
100-240Vac, 60/50Hz, 5A fused spur connection
UL 60950-1 CSA C22.2 No. 60950-1-07 second edition

Access Control Inputs

Voltage-free contact;
1mA current sense
Screw terminal connector
Max conductor CSA 16AWG/ 1.5mm²
Fire panel integration input
Ethernet connection

Entry request (NORMALLY OPEN closing for 1 second)
Exit request (NORMALLY OPEN closing for 1 second)
Visitor entry (NORMALLY OPEN momentary closing contact)
Visitor exit (NORMALLY OPEN momentary closing contact)
Opto-coupled Input 12-24Vdc @ 25mA nominal
TCP/IP Port

Access Control Outputs

Voltage-free contact;
Contact Rating 28Vdc 0.5A
Screw terminal connector
Max conductor CSA 16AWG/ 1.5mm²

Entry monitor (NORMALLY CLOSED opening for 1 second)
Exit monitor (NORMALLY CLOSED opening for 1 second)
Alarm 1 (NORMALLY CLOSED opening for 1 second)
Alarm 2 (NORMALLY CLOSED opening for 1 second)

System Output

Turnstile status display
Alarm sounder output

RGB LED diffused through 10mm high clear frosted acrylic
75 – 100 dB (93dB at 1 metre)

Technical Specification Version A2

Manufactured by Integrated Design Limited.



Feltham Point, Air Park Way, Feltham,
Middlesex, TW13 7EQ, United Kingdom

T: +44 (0)208 890 5550
E: info@fastlane-turnstiles.com
W: www.fastlane-turnstiles.com

Issue B2

Local Reseller

Installation photos may not represent current production models.
Please note specifications are subject to change without prior notice and performance features vary from model to model.