

# Fastlane<sup>®</sup> plus 30MA

with Ethernet Connectivity



## Setting the Standard

The Fastlane plus is our original barrier arm turnstile. The unique and innovative self-resetting arm mechanism adds a level of safety not seen elsewhere in this product category. Offering the signature intelligent monitoring and processing of the Fastlane range, this is the barrier arm of choice. Designed to integrate seamlessly with Access Control, CCTV and whole building management systems.



The 30MA variant utilises a single barrier arm, rather than the two barrier arms employed on the 400MA/AS models. It operates in normally closed mode. Providing a compact lane width at an entry level price, the 30MA retains the Fastlane features of an infrared beam matrix, electronic control and Fastlane *Connect* Ethernet connectivity. Ethernet connection is a cost-effective choice from a range of remote control options, as it removes the need for expensive software or peripherals. The units can be configured to be combined with 400MA pedestals in a system providing compact lane widths and DDA compliant lane widths.

<b>Barrier type</b>
GLASS
<b>ARM</b>
OPTICAL
<b>Secure</b>
<ul style="list-style-type: none"><li>— Class leading infrared detection systems</li><li>— Detects and deters tailgaters in very close proximity</li><li>— Barriers are a visual and physical deterrent</li></ul>
<b>Accurate</b>
<ul style="list-style-type: none"><li>— Accurately assesses traffic through the barrier</li><li>— Differentiates body mass from smaller objects</li><li>— Provides instant feedback of traffic flow and incidents</li></ul>
<b>Features</b>
<ul style="list-style-type: none"><li>— Quick and safe action</li><li>— High processing speed reduces traffic build-up</li><li>— Rapid barrier movement</li></ul>
<b>Aesthetics</b>
<ul style="list-style-type: none"><li>— Inspired, elegant design</li><li>— Lightweight drop arm barrier provide secure and safe entry</li><li>— Arm opens flush with the pedestal, minimising footprint</li></ul>
<b>Reliability</b>
<ul style="list-style-type: none"><li>— Quality build lowers whole life costs</li><li>— Fewer failures mean lower repair costs</li><li>— Online diagnostics and support packages</li></ul>



UL Model Available on Request

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## Physical

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions L x W x H	973 x 168 x 965mm / 38.3 x 6.6 x 38 Inches
Weight (Interlane Pedestal)	53kg / 117lbs
Weight (RX/TX Pedestal)	51kg / 112lbs
Standard lane width	49kg / 108lbs
DDA/ADA lane width	550mm / 21.7"
Barrier height	805mm / 31.7"
Barrier material	Aluminium tube 1.5" / 38mm Diameter
Barrier breakaway force (measured from the edge of the Arm)	≥ 40N for 550mm (22") Arm
Barrier speed of operation	< 1 second
Infrared optical matrix – pulsed beam paths	20
Infrared wavelength nm	940
Tailgate detection distance	5mm / 1/4"

## Pedestrian Access Throughput

Optical system performance	1 person per second
Typical application	20 persons per minute
Card buffering capacity	10 cards max
Turnstile functions	As detailed in the configuration manual

## Turnstile Power Specifications

Receive Gate / Interlane	24Vdc 1.25A (max)
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## Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	210kW hours per annum
Ingress protection	IP20 (Internal building applications only)

## Power Supply (Included)

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

## Access Control Inputs

Voltage-free contact;	Entry request (NORMALLY OPEN closing for 1 second)
1mA current sense	Exit request (NORMALLY OPEN closing for 1 second)
Screw terminal connector	Visitor entry (NORMALLY OPEN momentary closing contact)
Max conductor CSA 16AWG/ 1.5mm <sup>2</sup>	Visitor exit (NORMALLY OPEN momentary closing contact)
Fire panel integration input	Opto-coupled Input 12-24Vdc @ 25mA nominal
Ethernet connection	TCP/IP Port

## Access Control Outputs

Voltage-free contact;	Entry monitor (NORMALLY CLOSED opening for 1 second)
Contact Rating 28Vdc 0.5A	Exit monitor (NORMALLY CLOSED opening for 1 second)
Screw terminal connector	Alarm 1 (NORMALLY CLOSED opening for 1 second)
Max conductor CSA 16AWG/ 1.5mm <sup>2</sup>	Alarm 2 (NORMALLY CLOSED opening for 1 second)

## System Output

Turnstile status display	RGB LED diffused through 10mm high clear frosted acrylic
Alarm sounder output	75 – 100 dB (93dB at 1 metre)

## Reliability

In Normal use, 5,000,000 cycles of operation is expected before electro mechanical parts require replacement as part of an approved preventative maintenance programme.

Technical Specification Version A4

Manufactured by Integrated Design Limited.



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## Local Reseller