Speedlanes

Speedlane 996HB

Speedlane 996-DA

Speedlane 900-H

High-traffic security in high style

Boon Edam's complete line of optical turnstiles provide the right combination of security, style and high traffic capacity for any entrance application. The state-of-the-art technology gives you unmatched durability and reliability with an uncompromising level of safety and security.

You choose your level of security
From the unobtrusive security provided by our barrier-free Speedlane 2048 to the enhanced security of the Speedlane 900 or 996 with tall glass panels, Boon Edam has the right optical turnstile for any lobby application.

You decide what you want - sliding glass or swinging glass panels, tall glass panels, handicapped accessibility, elegant styling options – in any combination to properly and safely secure your entrance.

BOON EDAM

Your **Security.** Our **Solution.**

Barrier-free optical turnstiles

Barrier-free optical turnstiles combine security access with rapid throughput and are especially effective in areas where large numbers of people need to be monitored.

SPEEDLANE 2048

If you're looking for maximum traffic flow with unobtrusive aesthetic appeal, the Speedlane 2048 optical turnstiles are a perfect choice. Fully integrated sensors allow authorized individuals to pass quickly and efficiently at a rate of 50-60 per minute. The small footprint maximizes the number of lanes that can fit into any entrance. A 3-level, multi-beam detection matrix virtually eliminates false alarms. 2048 models also feature an LCD user interface in the top cabinet.

Speedlane 2048

Barrier optical turnstiles

Boon Edam's barrier optical turnstiles offer increased security while maintaining high throughput. All models feature sleek styling suitable for high end lobbies. A variety of options are available depending on the level of security and finish options you desire.

SPEEDLANE 300

The Speedlane 300's curved cabinets and illuminated biparting wings make distinct design statement while offering efficient access control in two directions. Multiple lanes can be created by inserting one or more intermediate units, which have sliding doors on both sides. Each lane offers a capacity of 25-30 person per minute.

SPEEDLANE 900

The Speedlane 900's elegant curved cabinet and glass panels create the impression of a barrier-free environment, while the sturdy cabinet and sophisticated sensor systems deny access to unauthorized personnel.
Offering a high traffic flow of 25-30 users per minute, the stylish design and variety of finish options make the 900 versatile and unique. The Speedlane 900 is available with tall glass panels, a long detection pathway or wide passage for ADA compatibility.

SWINGLANE 900

Creating an open appearance, the Swinglane 900 features swinging glass panels with a glass and stainless steel cabinet design.
This optical turnstile combines the advantages of a swinging gate and long detection lane to create a high capacity security barrier, allowing 25-30 users per minute.

Speedlane 300

SPEEDLANE 996

Featuring a unique high density-beam detection matrix, Boon Edam's Speedlane 996 offers the highest level of tailgating detection among optical barrier lanes today.
Allowing up to 25-30 users per minute with 1/4" tailgate detection, the Speedlane 996 offers you the most in capacity, security and style. All models feature an LCD user interface in the top cabinet (see next page).

Speedlane 900

Swinglane 900
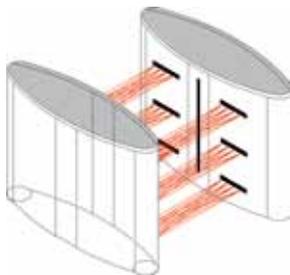
BARRIER OPTICAL TURNSTILES

Model	Description	Options
Speedlane 300	Oval cabinet, illuminated acrylic panels	Indicator lights in cabinet top
Speedlane 900	Oval cabinet, horizontal sliding glass	Tall glass, wide passage, long detection pathway
Speedlane 996HB (*oval*)	Oval cabinet, horizontal sliding glass	Tall glass, wide passage
Speedlane 996HB (*narrow*)	Straight cabinet, horizontal sliding glass	Wide passage
Speedlane 996BPL	Straight cabinet, angel wing biparting glass	Wide passage
Speedlane 996DA	Oval cabinet, stainless steel drop arm	Wide passage
Swinglane 900	Long/slim cabinet, swinging glass panels	Wide passage

Speedlane 996HBT

Speedlane 996HB (oval cabinet)

Speedlane 996HB (narrow cabinet)

High density-beam detection matrix

The high density-beam matrix consists of three levels of infrared transmitters and receivers in a criss-cross pattern. The matrix collects data about what is passing between the cabinets, processes the information and makes active decisions about whether or not to generate an alarm. Because so much data is available, the Speedlane 996 can discern a bag or suitcase from a second person and ignore swinging arms and umbrellas. This sophisticated system offers superior tailgate detection and minimizes false alarms.

Working principle

Pedestrians can be authorized via a card reader, push button, biometric device or external control panel. Confirmation of authorization is provided through a display in the top cover of the unit (see photos below). If authorized, the glass panels open, retracting completely into the unit. The user passes through the optical barrier lane, and the glass panels quickly reclose to prevent tailgating. Audible and visual alarms activate when a tailgating or unauthorized entry attempt is detected.

Card reader embedded in Swinglane 900

Standard Indicators - Speedlane 300, 900, Swinglane 900

LCD User Interface - Speedlane 2048 and 996

Features & options

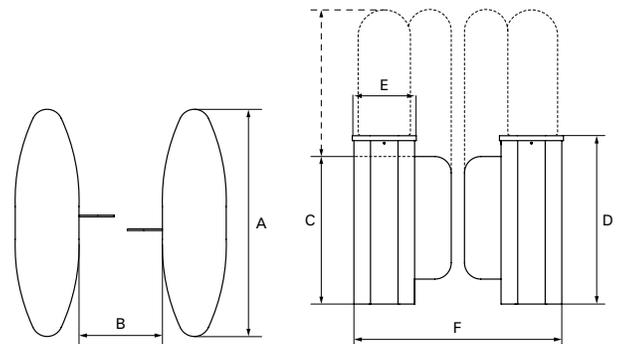| Characteristics	Speedlane 2048 Std	Opt	Speedlane 300 Std	Opt	Speedlane 900 Std	Opt	Swinglane 900 Std	Opt	Speedlane 996 Std	Opt
Security level	Moderate		High		High		High		Maximum	
Two-way traffic	•		•		•		•		•	
Authorization indicator & audible alarm	•		•		•		•		•	
LCD user interface	•								•	
Lane open status lights	•		•		•		•		•	
ADA handicap width	•			•		•		•		•
Long detection pathway						•				
Tall glass panels						•				•
Sliding glass panels			•		•				•	
Swinging glass panels							•			
Dropping arm										•
Card reader mounting	•		•		•		•		•	
Battery power backup			•		•					

Footprints & dimensions

Dimensions (inches)	A Passage Length	B Passage Width (ADA)	C Barrier Height(s)	D Unit Height	E Cabinet Width (ADA)	F Overall Width (ADA)	Capacity/ Minute[1]
Speedlane 2048	27	22 (36)	N/A	41	9½	40 (50)	50-60
Speedlane 300	48	20	37	40	12⅜ (19¼)	44½	25-30
Speedlane 900	55, 102	20 (36)	35, 47, 55, 63, 71	40⁹⁄₁₆	15⅜ (23¼)	50¹³⁄₁₆ (82⁵⁄₁₆)	25-30
Speedlane 996HB (oval cabinet)	54	22 (36)	38½, 60, 72	41	20	62 (76)	25-30
Speedlane 996HB (narrow cabinet)	54	22 (36)	38	41	12 (18)	46 (72)	25-30
Speedlane 996BPL	54	22 (36)	38	41	12 (18)	46 (72)	25-30
Speedlane 996DA	45	22 (36)	32⅛	41	9½	41 (55)	25-30
Swinglane 900	76⅝	22 (36)	39⅜	43¹³⁄₁₆	7¹¹⁄₁₆	37⅜ (51⅜)	25-30

[1] Depending on authorization system

Technical characteristics

	Power Supply	Power Consumption	Ambient Temperature
Speedlane 2048	120 or 220 V/CA, 50/60 Hz	350 W	5°F to 122°F
Speedlane 300	110-240 V/CA, 50/60 Hz	20 W	-5°F to 122°F
Speedlane 900	220-240 V/CA, 50/60 Hz	350 W	-2°F to +122°F
Speedlane 996	120 or 220 V/CA, 50-60 Hz	350 W	5°F to 122°F
Swinglane 900	220-240 V/CA, 50/60 Hz	175 W	-2°F to +122°F

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