



Technical Specification/Submittal

EA Speed Lane

The **EA Speed Lane** is available in single or double lane versions, allowing flexibility to create as many lane entrances as the location/site requires. Matching glass balustrading is available to close or cordon off unused areas.

Access control readers can be easily integrated beneath the EA Swing's slimline glass top design. The design incorporates LED indicators which help guide users through the lane. The EA Speed Lane is also available (Option) with a Stainless-Steel top to accommodate bolt on, face recognition or other biometric reading devices. Lane widths are either 500mm or 900mm (the later to provide easy DDA passage).

EA Speed Lanes can be integrated with both Access Control Units and Fire Alarm Systems, to provide controlled access/egress and or allow free egress in the event of a fire alarm/ emergency activation. When integrated with a fire alarm, on fire activation, the leaves open to allow free exit and remain unlocked until the alarm is reset.

Model No	EA-T300
Size	900x250x1000mm
Input voltage	240V
Drive motor	DC 24v brushless motor
Passing speed	20-30 people/minute
Applicable temperature -	20°C to +70°C
Glass Thickness	10mm tempered
Operation	Single / Bi-directional
Passage Widths	500mm and 900mm wide

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The **EA Speed Lane** is a waist high, very effective speed lane gate, which allows efficient control of staff and visitors alike. Speed Lanes remove the pressure from security and reception staff by dealing with the mundane checking of security passes and authorisation. They can block and alert unauthorised entry and tailgating. People who are authorised can pass through simply by presenting a valid access control pass, facial recognition or via other biometric reading device.

The **EA Speed Lane** will enhance access efficiency and reduce staffing costs in a reliable and consistent manner. When configured in a line, they look stylish, sleek and an attractive access barrier. The stylish appearance harmonises with high traffic flow capability and user safety.

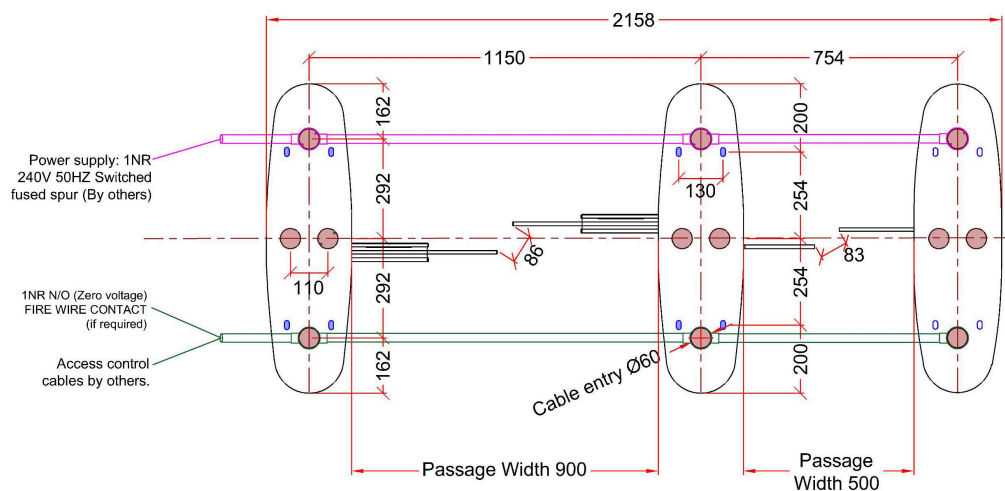
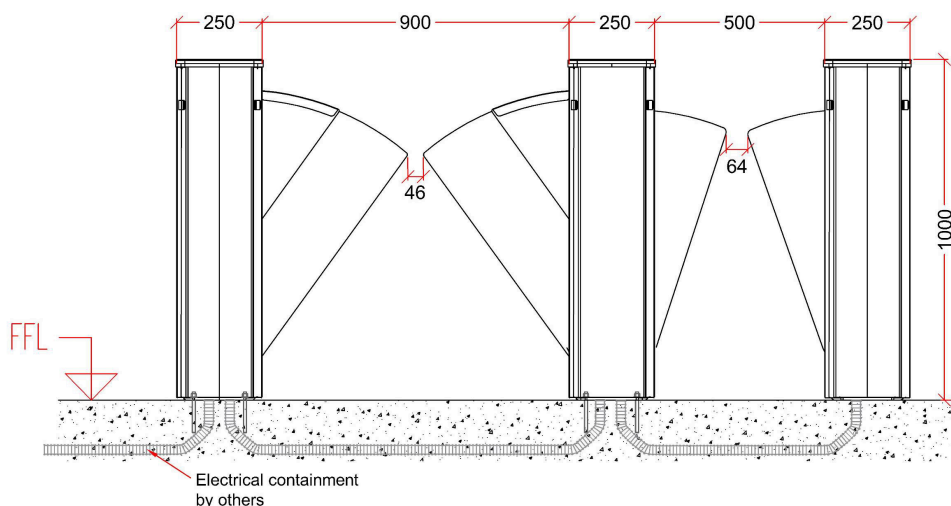
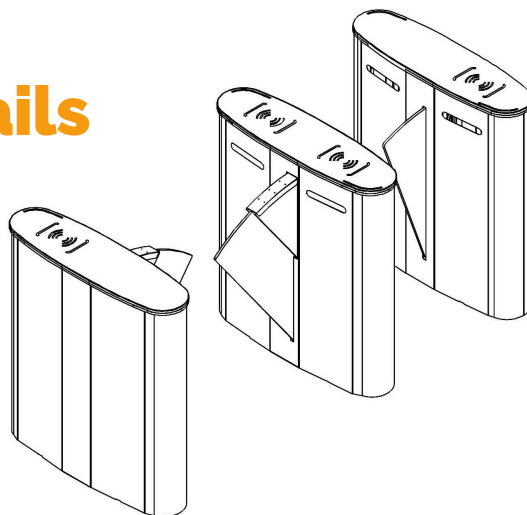
Most Access Control devices can be easily integrated into the speed gate units. Readers can be mounted and hidden beneath the glass tops with visual LED light indicators as well as voice guidance announcements, if required. A Stainless-steel top (option) offers the ability to surface mount other types of biometric and face recognition devices directly on top of the lanes.



EA Speed Lanes can be configured to operate in a normally closed or normally open mode, in a single or bi direction flow arrangement, with lane width options from 550 to 900 wide. Gate opening/closing times are adjustable but normally open/close in 0.8 seconds giving a safe passage flow capacity of up to 30 persons per minute. When integrated with building Fire Alarms, the glass gates can be programmed to open and remain free swinging on fire condition. In the event of a power loss the gates open via a standby battery. Once power is restored the speed gates will automatically run through a re-set cycle and then be ready for normal operation.

EA Speed Lanes come with a standard brushed Stainless-Steel AISI 304 finish. They can also be supplied in polished Stainless Steel or any RAL powder coat colour option. It's pleasing sleek, modern design and the use of high-quality parts and materials makes it one of the most reliable, robust and long-lasting speed lane units available today.

Wiring & Layout Details





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+44 (0)1372 459536

EA Group (UK) Limited

Units 20/21 Bookham Industrial
Park Church Road, Bookham
Surrey, KT23 3EU

Part of the Electro Automation Group of companies

Registered in England: 3094251

VAT No: 994124937



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