ZKTeco Swing Barrier Turnstile Saturn-S1000 Pro



Catalogue SKU	RL-ZK-0155
Supplier model	Saturn-S1000 Pro

Royal Link supplier product summary, not a manufacturer-issued datasheet or manual. Specifications reproduce the supplier entry for this SKU. Optional functions, accessories and compatibility depend on configuration; confirm configuration, pricing and availability before ordering.

Product details, source references and enquiries

Supplier specifications

Item	Catalogue specification
Audio Indicator	Internal speaker
Visual Indicator	Top LED indicator: Blue = Door closed / stand by Green = Door opening Red = Door closing / alarm Swing Barrier LED Indicator Green = Lane available Red = Lane unavailable
Lane Type	Single Lane
Lane Width	600~750mm(Standard; acrylic barrier; adjustable) 1000mm (Optional; acrylic barrier) 1200mm (Optional; SUS304 barrier)
Barrier Movement Type	Swing
Motor	DC brushless motor
Movement Speed	Average 1s per movement (Adjustable open/close timing)
Lid Material	Polycarbonate+2.5D tempered glass
Lid Options Authentication Methods	Streamlined under mount options: QR Code / RFID Surface mount option: Facial Authentication

Item	Catalogue specification
Chassis Material	Cold-rolled SPCC Steel (GB700) / Polycarbonate (Side Lid)
Chassis Colour	Pearl White(PWH), Space Gray(SGY), Carbon Black(CBK), Bay Blue(BBLE), Mist Brown(MBW)
Barrier Material	Clear acrylic (H*W, 635*300mm)(standard) / Tempered glass (H*W, 635*425mm)(optional) (For extended lane width of 1200mm requires SUS304 barrier)
IR Sensors	6 pairs (standard) ; 8 pairs (optional)
Motherboard Function	System configuration, access control
Motherboard Communication	Fire alarm Port(Relay)*1, RS485 Port*1
Controller	Not equipped. Compatible with C3 series controller/ InBio series controller (optional)
Credential Options	Under mount RFID reader: Pro ID Series, KR Series Under mount QR code reader: QR500 Surface mount facial authentication reader: ProFace X / SpeedFace V5L
Flow Rate	Facial Authentication: 15 passengers per minute QR Code: 30 passengers per minute RFID: 35 passengers per minute
Accessibility	Adult, Children (with care), Disability (with care)
Power Supply	110V / 220V AC @ 50 ~ 60Hz
Power Rating	10VA(Standby) 40VA(Operation)
Fire Signal	Input for voltage free contact
Noise Level	Less than 50 dB

Item	Catalogue specification
MTTR	Less than 60minutes
MCBF	5 million
Net Weight	50kg
Dimension (L*W*H)	1200*150*1020mm
Dimensions with Packing (L*W*H)	Carton (standard):1346x720x1082mm (2 boxes); Wooden box (optional):1300x630x1222mm (2 boxes)
Operating Temperature	-30 °C to 70 °C
Operating Humidity	5% to 90% RH (Non-condensing)
Certifications	CE, FCC
Ingress Protection Rating	IPX4
Supported Software	ZKBio CVAccess / ZKBio CVSecurity (depends on equipped access controller)
Safety Features	Power off unlock device/ Fire alarm active door release
Security Features	Anti-tailgating, anti-pinch
Application Environment	Indoor / outdoor (if sheltered)
Site Preparation	Flat and level finished floor (optional base plate for unfinished floors)
Security Level	Middle
Emergency Mode	Swing barrier unlocks automatically
Packing Material	Carton (standard) / wooden box (optional)