

**Expanding Dual-Lane
Security with Elegant
Efficiency**



FBL520 Series

Dual Wing Flap Barrier Turnstile

FBL520 is an elegant dual-lane flap barrier turnstile for high-traffic areas. It integrates with additional FBL520 units to form multiple lanes and can connect to FBL500. Its stainless steel build ensures durability, while smooth, low-power operation and retractable barriers secure access. Upon valid RFID, QR Code, fingerprint or face authentication, barriers unlock automatically. During emergencies or power outages (with battery backup), they retract for swift exit.



Reliability

- Robust SUS304 stainless steel casework and quality electrical components.



Safety

- Automatic barrier retraction in emergencies or outages.
- Smooth finish with no exposed screws.
- Ergonomic design for quick authentication.



Built-in Reader Integration

- Pre-installed card/fingerprint readers, factory-tested for easy setup.
- True plug-and-play reduces time and costs.

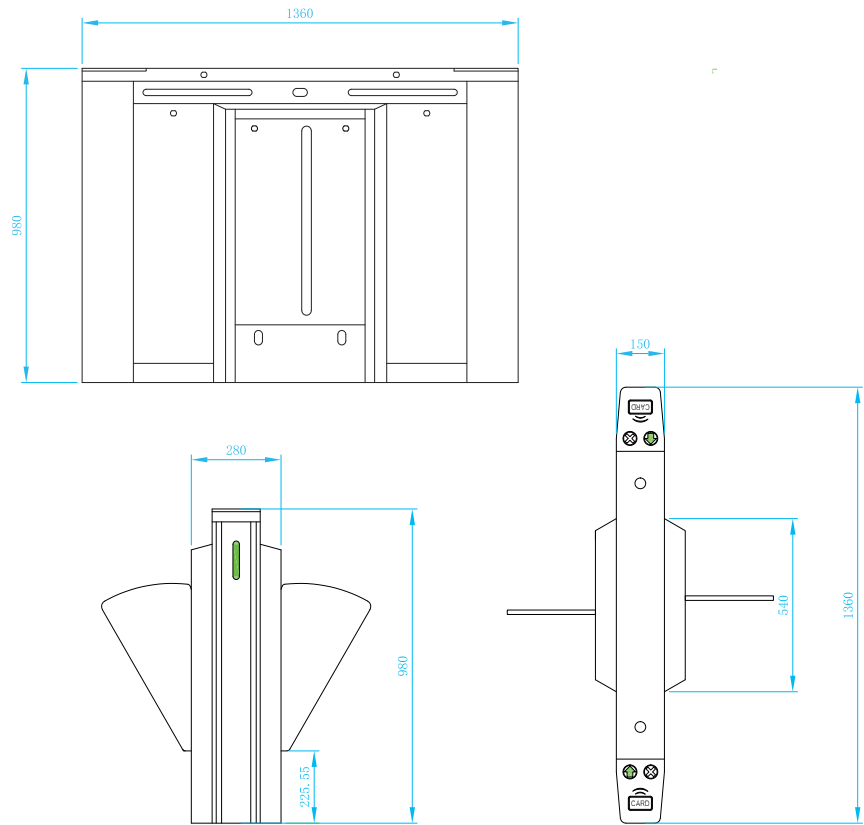


Simplification

- LCD on the control board for simple operation.



DIMENSIONS (mm)



SPECIFICATIONS



Model	FBL520
Power Requirements	AC100 ~ 120V/200 ~ 240V, 50/60Hz
Working Temperature	-20°C ~ 70°C
Working humidity	5% ~ 90% (non-condensing)
Working environment	Indoor/Outdoor (if sheltered)
Max. Speed of Throughput	30 people per minute
Lane Width (mm)	600
Dimension (L*W*H)	1360 * 280 * 980 (mm)
LED Indicator	Support
Cabinet Material	SUS304 Stainless Steel
Lid Material	SUS304 Stainless Steel
Barrier Material	Acrylic
Barrier Movement	Retracting
Emergency Mode	Support
Security Level	Medium
MCBF	2 million
Opening Time	0.8s
Noise of Opening	<30d

Authorized Reseller: