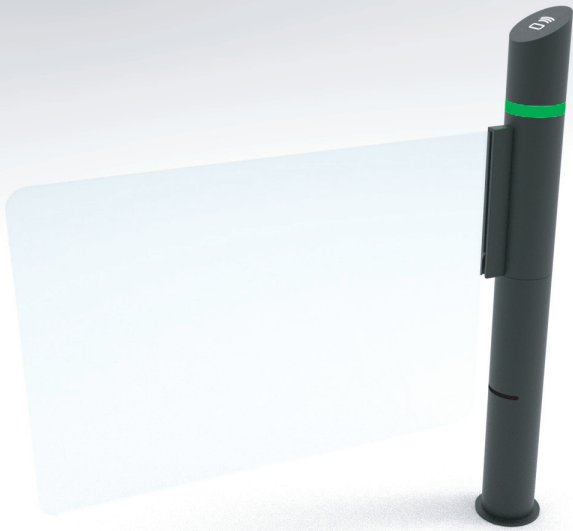# Swing Gate
CP-120

CP-120 , the combination of simplicity, elegance, and advanced industrial technology, is suitable for high-traffic entrance control areas to speed up the pedestrian flow, such as corporate headquarters, government agencies, commercial buildings, unmanned stores, stations, schools, libraries, sports centers, playgrounds, etc.

CP-120 is friendly for the wheelchair, trolley, and luggage. It can be used independently or combined with speed gates to form a flexible entrance control system and can be integrated with the facial recognition system, fingerprint readers, and various types of card readers to provide a secure, stable, and fast entrance control environment.
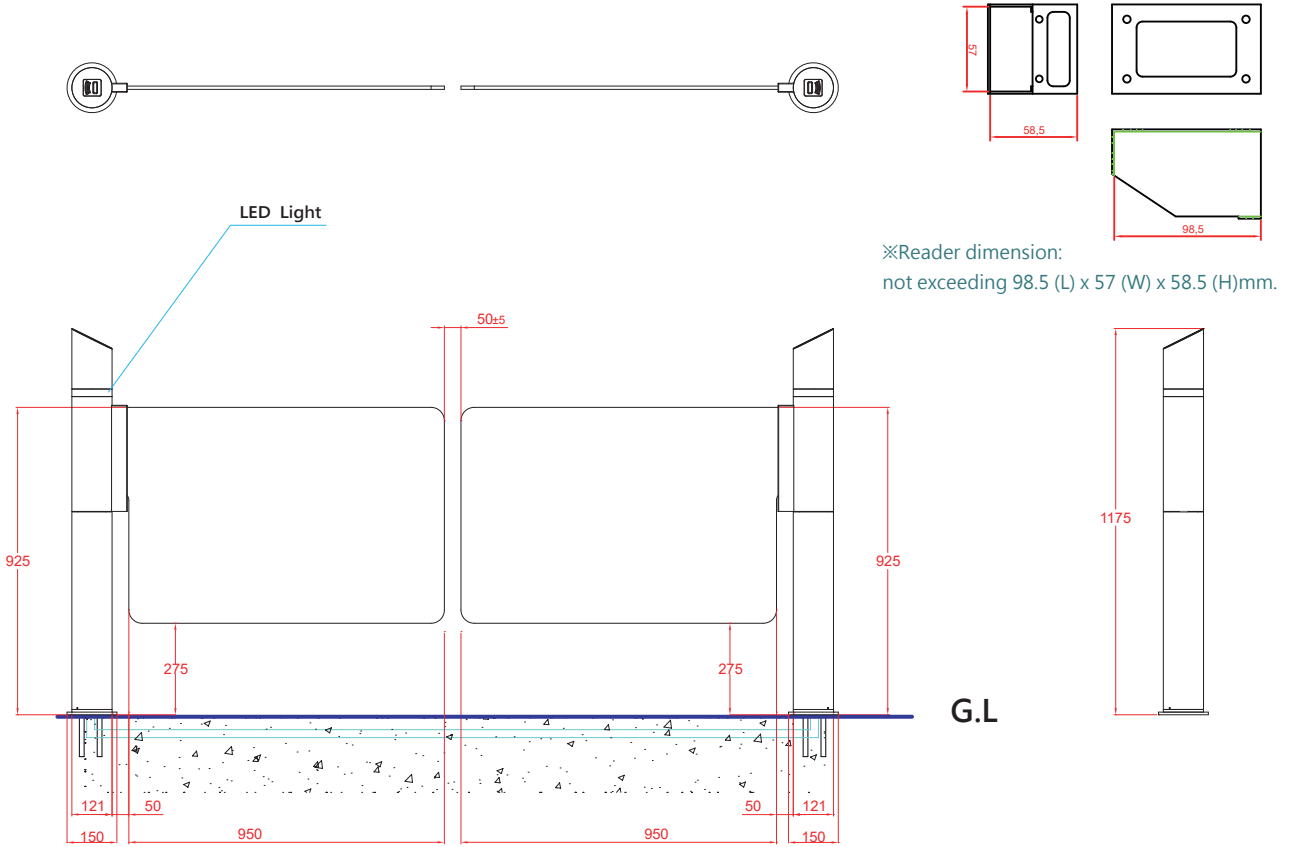
▍ Features

■ Brand new mechanical design to ensure stability without losing elegance.

■ Support entry / exit / bidirectional modes.

■ Support single / dual modes for types of space planning.

■ Easy to integrate with facial recognition system, fingerprint reader and card reader, etc.

■ LED indicator shows the status of the passage to guide the user through the gate.

■ With self-testing mechanism to inform the control center if there is any error occurs.

■ With high-efficiency brushless DC motor to present fast and accurate panel movement.

■ With obstruction detection to ensure security and safety at the same time.

■ Customizable parameters, as panel opening speed, torque, etc. to meet different security demands.

CE

Technical Data

Power Supply	100~240Vac, 50/60 Hz
Dimension	1121(L)x121(W)x1175(H)mm
Cabinet	1.5mm Thickness SUS-304 Brushed Stainless Steel Finish
Barrier	10mm Thickness Tempered Glass (Option : 12mm Polycarbonate Panel)
Barrier Height	918mm
Passage Width	1000mm
LED Indicator	360° Full Color LED
Sensor	Infrared Sensor
Motor	DC Brushless Servo Motor
Remote Control	RS485 (Option : TCP/IP, Remote Control App)
Weight	40KG
Power Consumption	Stand By 30W / Max.85W Power Factor:0.95
Duty Cycle	100%
Operating Temperature	0~45℃
Relative Humidity	0%~85%RH (No Condensation)
MCBF	≧ 1,500,000 Cycles
MTTR	≦ 30 Minutes
IP Rating	IP43
Certificate	CE
Customization (Option)	Powder Coating
Opening / Closing Speed	1~2.5 sec
Barrier Close Automatically Timer Setting	1~30 sec
Logic Board Voltage	DC 12V
Advanced Security	The gates could offer sensor detection to prevent collision.
Passage Modes	The system has Control/Stop/Free Mode
In Case of Power Failure or Emergency	Such as power faiure or fire alarm, barriers will be automatically unlocked and move freely.
Microprocessor Controller	Manual settings are available by LCD display. Support continuous open signal input memory. Support RS485 communication interface. Support dry-contact I/O interface.
8 digit Counter	Built in the machine for easy maintenance to check Entry/Exit swing operation frequency.

Dimension (unit：mm)

LED Light

※Reader dimension:
not exceeding 98.5 (L) x 57 (W) x 58.5 (H)mm.

57

58.5

98.5

50±5

925

925

275

275

G.L

121

50

50

121

150

950

950

150

1175

Top View/ Front View

Side View

φ30

Installation Drawing-Conduit Holes

φ12x4   Ø150
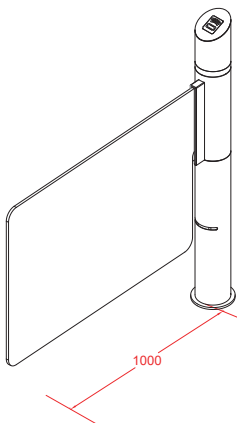
90

90
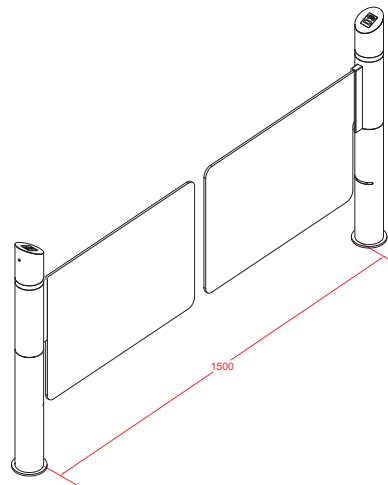
Installation Drawing-Fixing Holes

1000

Standard Lane CP-120

1500

Wide Lane CP-120