KRUPP TECHNOLOGY

Pre-Security and Self-Boarding Gate

KT-BG-626

1 LANE GATE: KT-BG-626-01-01
2 LANE GATE: KT-BG-626-01-02

Basic Functions

- Alarm function : with detention alarm, reverse intrusion alarm, false alarm and other sound and light alarm function.
- Gate opening/closing time: 1.5s
- MCBF: 5 million
- Anti-interference : can be limited to prevent electromagnetic and other external factors lead to abnormal gate
- Anti-follow function : to prevent the non-permissible situation of too many people at a time. In the case of a single authorization, when two people are more than 100 mm apart in the same direction, the gate will send an alarm.
- Anti-pinch function : when the gate is closed, the gate stops closing after the sensor in the safety zone detects the object ; when the gate is closed, the safety zone sensor does not detect the object, but the door senses the object, and the door plate bounces open.
- Object detection function : object detection capability within the gate area at all levels (including the presence of children, luggage, and abandoned objects) using more than 60 infrared beams, ensuring comprehensive coverage and accurate detection.
- Pass timeout function : after opening the gate, the system will automatically cancel the user 's access right when it is not passed within the specified time.
- Abnormal impact recovery function : when the door wing receives external impact, it can quickly restore the state.
- Emergency release function : automatic opening of the device after power failure or emergency situations
- Supports gate opening with facial recognition: Yes
- Anti-forced gate opening feature: yes
- Ability to monitor device operating status: Yes
- Fire linkage function : The equipment has a fire / emergency signal interface. When the fire / emergency signal is triggered, the gate enters the emergency mode, and the gate is in a normally open state. When the fire signal is restored, the gate returns to normal state and the door wing is reset.

Extended Functions

- Anti-tailing: prevents unpermitted situations of too many people at once
- Face recognition module with 10-inch touch screen
- Channel state indicator light (GTD)
- Channel indicator (GED)
- Normally open button: self-locking button, press the gate normally open, and then press the recovery
- Customizable number of lanes

Compliance standards

- DIN EN 6024-1: Electrical Safety
- DIN EN 61000-6-3: EMC
- EN 12445: Safe Power Operated Doors
- EN 16005 / EN 18650-1: Powered Pedestrian Doors

Product Specification

Gate size:
1600mm*180mm*1000mm

Gate Material:
High quality stainless steel, polycarbonate

Door Wing:
10mm transparent Tempered glass

Computer :
CPU : Intel Core i7-1165G7, Celeron 6305E
RAM:16G
Operating System:Windows10

Key Specification

Power Supply : 220VAC±10%, 50Hz±5%
Drive motor: DC brushless servo motor
Service Life: 30 million times
Operating Temperature : - 10℃ ~ 55℃
Relative Humidity : 10% ~ 90 % (Non-condensation）
Communication Interface : RJ45/ RS232
Flow Rates : 20~30 people / min
Protocol : MODBUS protocol

Biometric Device Specification

Camera: Dual-lens anti-glare camera (RGB+IR), 2MP+2MP
Display: 10-inch, 800*1280
Memory: 2 GB
Storage: 16 GB
OS: Android 11
CPU: Dual-cre, 1.5 GHz
Imaging
- Full- page: JPG, BMP, TIFF, PNG

Reader Device Specification

- Code 128, IATA 2 of 5, Code 39, PDF417, Aztec, QR, DataMatrix
- Barcode data communication standard: ITFS / AEA 2012 boarding / IATA Resolution 792
- Supports multiple data reading methods: MRZ, NFC, RFID, barcodes (1D, 2D) on paper and on mobile phones

8-inch touch screen (Option)
Resolution: 800*1280 Brightness: 280 cd/m²
Touch: Capacitive touch
Video interface: HDMI

Third-party software compatibility:
AEA standard / Native AEA 2012

Warranty
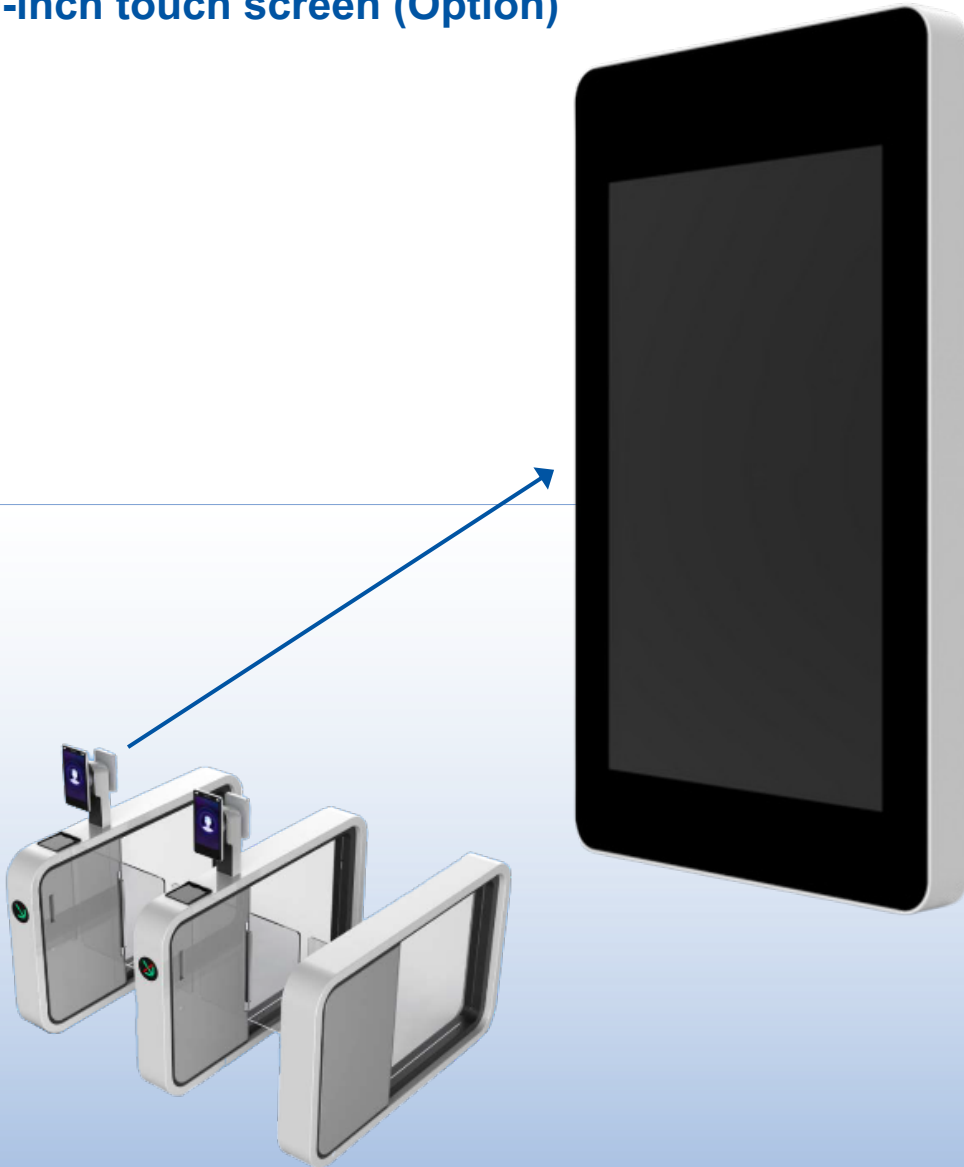Official manufacturer warranty minimum 3 years

![Krupp Technology logo]

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Biometric Device Parameters

OS:	Android 11
Processor :	Quad-core 2.0GHz
Memory	2GB RAM, 16GB ROM eMMC
Display	10-inch, 800*1280
Keys	1 Reset Key
Front Camera	Dual-lens Camera (RGB+IR), 2MP+2MP
Fill Light/ Indicator Light	White/Green/Red/Blue
Contactless Card Reader	IS014443 Type A/B, Mifare HID Cards(Optional)
QR Code Scanner (Optional)	Support
Communications	Ethernet/WiFi/Bluetooth LTE/WCDMA/GPRS (Optional)
Peripheral Ports	1 DC Port, 1 RJ45, 1 Micro USB, 1 Wiegand Input, 1 Wiegand Output, 1 RS485, 1 RS232, 1 Relay, 1 USB Type A
Audio	Digital Audio Speaker, Microphone
Power Supply	12V/2A
Bracket (Optional)	Wall Mount Bracket, Turnstile Mount Bracket
Dimensions (mm)	315(L)*167 (W)*23 (H)
Environmental	Operating temperature: -20°C~ 55°C Storage temperature: -25°C~ 60°C
MDM (Optional)	Mobile Device Management
Face Scan	Capable of glare and reflection resistance when scanning faces under excessive or low light conditions

167 mm

315 mm

23 mm

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10-inch touch screen (Option)

OS:	Android 11
Processor :	Quad-core 2.0GHz
Memory	2GB RAM, 16GB ROM eMMC
Display	10-inch, 800*1280
Keys	1 Reset Key
Front Camera	Dual-lens Camera (RGB+IR), 2MP+2MP

CONTACT US

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