

Access Control · Access Terminal

GKF-K1000ULTRA

0.2-second face recognition access terminal

October 2026


0.2 s

Face recognition per person

0.3-3 m

Face recognition range

99%+

Face recognition accuracy

IP65

Water & dust · -30 to 60 °C

100,000

Face capacity

5

Faces at once

Add face recognition to your existing access cards (M1, FeliCa or DESFire) and access control system. Integrated with the MIK SCAN unmanned screening system, it completes unmanned access security together with X-Ray Baggage Scanners, Walk-through Metal Detectors and Speed Gates.

Key Features

2 MP dual wide-angle lens

Dual 2-megapixel lenses with face anti-spoofing

Mask detection

Recognizes masked faces and checks mask wearing

Up to 5 faces at once

Shorter queues at peak hours

Three card types

M1 (MIFARE Classic) · FeliCa · DESFire cards

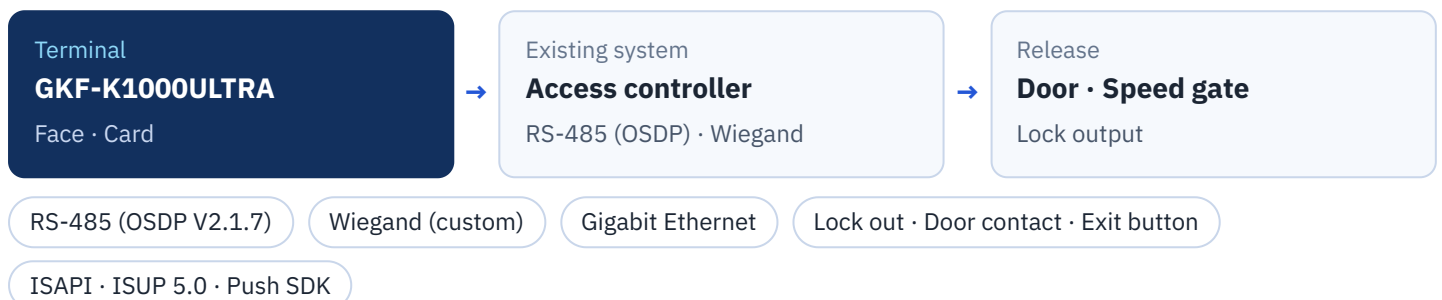
Duplicate check · Attendance mode

Blocks duplicate enrollment, records attendance

On-site operation

Two-way audio · Live view · Voice prompts · 15 languages

Integration



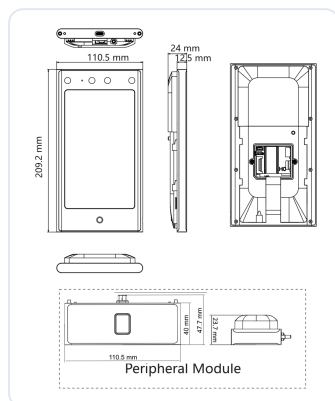
Step 1 of the Unmanned Access Security Platform — Authentication results and terminal status appear on the integrated operator screen of the X-ray baggage scanner and are logged with the screening results. (Step 1 identity check → Step 2 body & baggage screening → Step 4 speed gate release)

■ Specifications

System		Interfaces · Capacity	
OS	Linux	Interfaces	Alarm in 2 · Alarm out 1 · USB 1 · Audio out 1 · RS-485 1 (OSDP V2.1.7) · Wiegand 1 · Lock out 1 · Exit button 1 · Door contact in 1 · Tamper 1
Display	7-inch LCD touchscreen	Capacity	Faces 100,000 · Fingerprints 10,000 (with module) · Cards 500,000 · Events 150,000
Camera	2 MP dual lens	Functions	Two-way audio · Face anti-spoofing · Live view · Voice prompts · Mask detection · Duplicate face check · Attendance mode · ISAPI · ISUP 5.0 · Push SDK
Field of view	HFOV 75.5° / VFOV 41.5° / DFOV 87°	Languages	Korean, English, Japanese, Chinese (Traditional), Spanish, Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), French, Turkish, Kazakh, Uzbek
Network	10/100/1000 Mbps auto-sensing		
Authentication			
Face accuracy	≥ 99%		
Face time · range	< 0.2 s · 0.3–3 m		
Card types	M1, FeliCa, DESFire		
Card range · time	0–3 cm · < 1 s		
General			
Power	12–24 VDC / 2 A		
Operating temp. · humidity	–30 to 60 °C · 0–90% (non-condensing)		
Protection	IP65		
Size · weight	110.5 × 209.2 × 24 mm · 0.57 kg (packed 1.06 kg)		

※ Specifications may change without notice for performance improvement.

■ Dimensions · Applications



110.5 × 209.2 × 24 mm

A slim body for walls and gates. Where fingerprints are required, add the fingerprint module (110.5 × 40 mm) below for face, card and fingerprint.

Unit: mm · including fingerprint module

Applications

Airports & Seaports

Public Institutions

Defense & Law Enforcement

Industry & Research

Corporate & Offices

Transit & Public Venues

Speed gate · Interlock gate mounting

Quotes · Demos · Purchase/rental

Website > Products > Access Control > GKF-K1000ULTRA

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