



Key Differentiators

- Starlight-Level (0.01lux) Performance
- Optimized for Mullion Installations
- 6 Color 7type for Seamless Design
- Fast Recognition in 0.3 seconds
- Advanced Anti Spoofing
- Compliant with GDPR
- Resistant to harsh environment IP65
- Standalone with free SW & Open API

1. Slim Yet Powerful for Mullion Installations

With a slim 56mm profile (bottom width : 45mm), **purposely-built for narrow doorframes mounting**, providing maximum installation flexibility without compromising performance or aesthetics.

2. Superior Low-Light Performance – Starlight Camera Technology

Featuring a **dual-lens starlight camera** delivers reliable face recognition even under extreme low-light conditions down to **0.001 lux (starlight)** **ensuring 24/7 operational reliability**.

3. Architectural Harmony with 6 Color Options

Blending design with function, offers **6 color options to suit modern architectural aesthetic**.

4. Fast Recognition with Deep Learning AI

Achieves facial recognition in **under 0.3 seconds with over 99.99% accuracy**. Enhanced by twin detection and adaptive skin tone handling across user demographics.

5. Advanced Anti-Spoofing Engine

Combining 3d sensing, infrared imaging, offers liveness detection that blocks all known spoofing methods-including high-resolution photos, videos, and 3d masks.

6. Effortless Integration – Open API and Management Tools Included

Bundled with an intuitive management software and free API, enabling quick integration with third-party access control systems. Remote diagnostics, firmware updates ensure minimal maintenance overhead.

7. Streamlined Standalone Deployment

Engineered for ease of deployment, the compact and lightweight standalone structure minimizes installation time and cost-ideal for fast rollout across multiple sites or retrofit applications.

8. Seamless and Hygienic User Experience

Designed for intuitive, **fully contactless operation**, it uses **wide-angle lenses recognize faces during natural movement**.

9. Data Privacy by Design – Encrypted Biometric Templates

In full compliance with global data protection standards (GDPR), it stores only **encrypted biometric templates**.

10. Versatile Authentication Modes

Supports multiple authentication methods including **facial recognition, RFID card and QR code**.



DATASHEET

Category	FE-400
CPU	2 core CPU
Memory	4GB RAM, 8G Flash
Users for Face	10,000
Users for RF ID	10,000
Event Buffer	200,000
Design Color Option	6 colors(black, white, red, green, yellow, navy)
Camera	IR,RGB Dual lens Starlight camera
OS	LINUX
Function	Face + Card, QR
Power	12V / 400mA
Face Read Range	Max 2M
Live Detection	Picture, Video, Mask
QR Code	YES
Communication	TCP/IP
Speed	<1 sec (1:N, 10,000users)
Card	Default : Mifare & EM format ◆ Selectable one from below category 1) Contactless Smart Card Interface (ISO14443A/B, ISO15693, MIFARE® Classic, MIFARE DESFire® 0.6, MIFARE DESFire EV1, EV2, HID: iCLASS® Standard/SE/SR/Seos; Secure Identity Object® (SIO®), CEPAS, 2) Contactless Prox Card Interface (HID Prox, Indala Prox, EM4102, AWID Prox), 3) iCLASS SE Contactless Bluetooth Smart Interface (Mobile devices featuring Bluetooth 4.x (or higher), Android 4.3 (or higher), iOS 7 (or higher)
Anti-Passback	Supported
Input Ports	2ea(exit, door sensor), 1ea(fire)
Output Ports	2ea(relay,wiegand)
Temperature	-20 °C~60 °C
Humidity	10~90%
IP grade	IP65
Tamper Switch	YES
Product Size	W56mm x H193mm x D38mm (bottom width : 45mm)
Product Weight (NET)	275g
Certificate	CE, FCC



6 color 7 type Spectrum

Product Specifications Disclaimer:

Specifications are subject to change without prior notice as a result of ongoing product innovation, component availability, and technological advancements. KJ TECH reserves the right to modify product features to maintain quality standards and optimize performance.

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