BROCHURE

GEMINI-VENUS

The world's first long-range dual
iris scanning iris camera

Iritech, Inc.

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☰ Features

- Side-gazing capturing capability: ± 25 degrees off-axis
- Secure on-board processing for data protection
- 1:1 and 1:N on-board matching with internal gallery of up to 5000 IDs
- Seamless system integration through intuitive API
- Auto-scanning capability

(※ Specifications & Color to change without notice)

Why IRITECH?

IriTech, Inc. is one of very few iris providers who owns all in-house proprietary technologies vital for deploying any scalable end-to-end iris ecosystem. With more than 20 years of experience in iris recognition technology and top-ranked NIST[1]–proven algorithms, IriTech has been trusted by many prestigious clients. Our systems have been deployed in multiple and multisector large scale projects ranging from governments to corporates due to its exceptional performance in tough environment. IriTech is proud to be the partner of choice, leading the iris biometrics technology.

1) National Institute of Standards and Technology

Technical specifications

CPU	I.MX6D (Cortex™-A9 Dual-Core, 1.0GHz, 10000DMIPS)
Memory	2GB DDR3L RAM, 8GB eMMC
Multimedia	GPU: Vivante ™ GC2000 Video Acceleration: 1080p60 H.264 Decode, 1080p30 H.264 Encode Camera Interface: MIPI CSI
Networking	Ethernet: 10/100/1000 Mbps
Connectivity	USB 2.0 client: x1(micro connector) TOF, Indicator LEDs
OS Support	Windows, Linux, eLinux, Android
Dimensions	Iris camera module: 70 x 28 x 27 mm IR-LED Board: 33 x 24 x 8.25 mm Gemini-Venus Main Board: 150 x 31 x 19 mm Gemini-Venus with case: 168 x 64 x 41 mm
Electronics Specs	Supply Voltage: 12V Digital I/O Voltage: 3.3V
Environmental	Operating (0 to 40°C)
Capture Distance	35 – 50 cm (13.8 – 19.7 in)
Image Formats	ISO 19794-6, including K1, K2, K3, K7

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