

iCAM D2000

Multi Biometric System



Fast



Compact



Accurate



Frictionless



Global Standards
Support

Compact, insightful, and unparalleled quality in biometric performance, Iris ID's iCAM D2000 represents a new class of fused iris and face identification systems. Flexible capture distance ranging from 50cm to 1.0m, iCAM D2000 provides an ergonomically intuitive user experience while delivering high quality iris and face images for enrollment and identification. With focus on usability and dimensions the iCAM D2000 is ideal for identity, travel and access solutions.

The iCAM D2000's unique feature set is the result of twenty plus years of research and development. Leveraging the experience from processing billion of identities and Iris ID's extensive product line, iCAM D2000 is both a natural and innovative next step in technology evolution. The ultimate biometric fused iris and face solution. The iCAM D2000 is truly a platform independent solution.

Iris ID provides a robust REST API to enable all functions of the iCAM D2000 . The development environment and functionality of the REST API is both robust and simple . Application developers will find the REST API's easy to implement.

IrisAccess®

Features



Multimodal (Face & Iris) Biometric Simultaneous Capture

Automatically captures dual iris and face at the same distance.



User Height Accommodation

Automatic capture range from 1.2m to 2.1m



Countermeasure for Security

A proven set of anti-spoof measures that continues to set the standard for the industry is included.



Installation Flexibility

The device can be used with a mounting option that can be fixed to a desk.



Enhanced Capture Range (50 -100cm)

Auto Zoom, Pan and Focus. High quality optics.



Intuitive User Guidance

10.1 inch high LCD display provides user feedback.



Mask Detection

The device can detect a user's mask.



Standards Compliant Hardware and Software

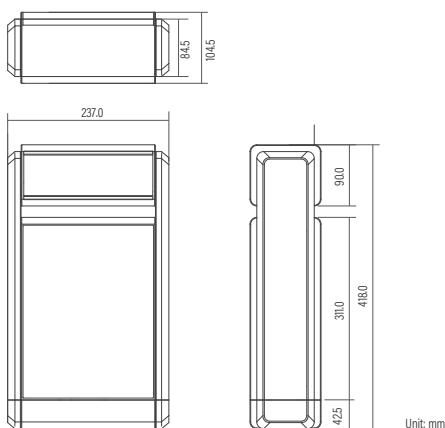
CE, FCC, Eye Safety, ISO and ICAO, RoHS

Specifications

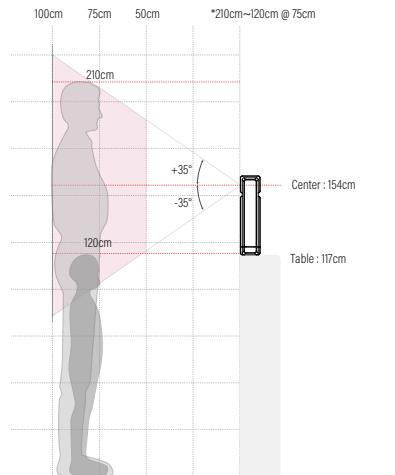
| | | |
|---------|---------------|---|
| Basic | CPU | Cortex-A53 |
| | Storage | 2GB DDR3 (1866 Mbps, 1.35 V), 8GB eMMC |
| | OS | Embedded Linux |
| | FPGA | Spartan6 + 64MB Flash Memory |
| | Power | DC24V 3A |
| Display | Size | 10.1 Inch (Diagonal) LCD with capacitive touch screen |
| | Resolution | 1280 x 800 |
| | Interface | MIPI DSI |
| Audio | Codcodec | Various sample rate (8 – 48 KHz) |
| | Speaker Out | YES |
| Camera | Face Camera | ISO 29794-5 Compliant |
| | Iris Camera | ISO 29794-6 Compliant |
| | Stereo Camera | 2.3MP, BW, Global Shutter x 2 |
| | Capture Time | Less than 1 seconds for dual iris and face capture |

| | | |
|-----------------------|--|--|
| Illumination | IR LED | ISO 29794-6 Compliant |
| External I/F | Ethernet | Ethernet 10/100 Mbps |
| | USB | USB2.0 Host/OTG |
| | Memory | Micro SD Socket |
| Mechanics | Pan / Tilt Motor Iris Camera Lens | Precision High Speed Step Motor Zoom & Auto Focus |
| Capture Volume | Height (Tilt) Width (Pan) Distance | ± 45cm (120cm – 210cm at 75cm when table height is 117cm) ± 50cm at 100cm, ± 25cm at 50cm 50cm – 100cm |
| Size | H x W x D | 41.8cm x 23.7cm x 10.45cm (16.5" x 9.3" x 4.1") |
| | Weight | 8.8kg (19.4lbs) |
| Operating Environment | Operating Temperature Storage Temperature Humidity | 32°F – 113°F (0°C – 45°C) -4°F – 203°F (-20°C – 95°C) 5 – 95% non-condensing |

Mechanical Drawing



Capture Volume



Use Cases



Border Control



National ID



Public Security



e-Gate



Kiosk

IRIS ID AUTHORIZED RESELLER

