

Benefits

- Portable
- Robust
- Easy-to-operate
- Durable
- Highly Reliable



Features



Adjustable Inter Pupillary
Distance



Unaffected by Ambient Lighting



Dust & Water Resistant



Compliance to EYE Safety Standards



Compliant with ANSI NIST & ISO Image Interchange Format

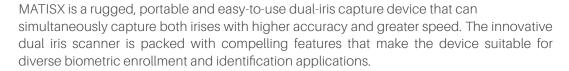


Supports Linux Operating Systems



Supports Windows Operating Systems

Dual IRIS Scanner MATISX





At a Glance

IRIS Sensor	
Parameters	Specification
Simultaneous Capture	: Dual IRIS Capture
IRIS Diameter	: > 210 Pixel
Spatial Resolution	: > 60 % @ 4.0 LP/mm
Pixel Resolution	: > 20 Pixel/mm
Image Margins	: Left & Right >= 0.5x IRIS Diameter, Top & Bottom >= 0.25x IRIS Diameter
Pixel Depth	: 8 Bits/Pixel (256 Gray Level)
Imaging Wavelength	: 700 - 900 nm
Frame Rate	:>=10 Frames/Sec
Scan Type	: Progressive
Sensor SNR	:> 36 dB
Capture Mode	: Auto Capture with Built-in Quality Check
Illumination	: Near Infra Red (NIR)
Capture Distance	: > 100mm from the Front of Camera mirror
Capture Volume (WxHxD)	: 30 x 22.5 x15 mm
Exposure Time	: < 33ms

Hardware	
Parameters	Specification
Interface	: USB2.0 High Speed (USB-IF Certified)*
Operating Voltage	: 5V +/- 5%
Current Consumption	: Operating :- < 350 mA (Max) , Stand By :- < 160 mA (Max)
Operating Temperature	: 0 to 50 °C
Operating Humidity	: 10-90% RH, Non-Condensing
ESD Protection	: +/-4kV (Contact Discharge), +/-8kV (Air Discharge)
Device Dimension	: 185 x 145 x 62 mm
Device Weight	: 0.41Kg

Platform	
Parameters	Specification
Operating System	: Windows x86 and x64. Linux

Certifications	
Parameters	Specification
Biometric Data Interchange Format	: ISO 19794-6 for IRIS Image, ISO 29794-6 for image quality
EMI / EMC Compliance	: CE & FCC Part 15B class B*
Environmental, Health and Safety	: ROHS*
Safety	: Exempt Group per IEC 62471:2006-07, IS13252 (Part 1)*
Ingress Protection Rating	:IP65*
Device Driver	: WHQL Certified

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