CMITECH BMT20 DUAL IRIS SCANNER

The CMITECH BMT-20 Dual Iris is a modern day biometric system which is aimed at improving security by means of complex parental recognition. Due to this robust and weather resistant design it is best suited for installation in moderately exposed areas. In compliance with ISO/IEC 19794-6 standards, this device has fast working speed, high optical standards, and exceptional identification efficiency. With USB 2.0, this device can capture high quality iris image via the dual LED optical system.

FEATURES
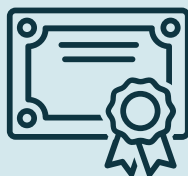
High Accuracy and Security

Dual Iris Capture

Resistance to Dust and Water

Integration Support

STQC Certified

OS Support

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Hardware Specification

Model Name	BMT-20
Type	Binoculars-type dual iris capture system
Usage/Application	Enrollment applications, especially large scale
Products Included	IRIS Scanner
Type of Device	Fingerprint & IRIS
Brand	CMITech
Installation Type	Handheld
Power Source	USB BUS Power
Operating System	Windows
Color	White, Black
Minimum Order Quantity	1
Dimensions (W x D x H)	219 x 161 x 58 mm (8.6 x 6.3 x 2.3 inches)
Weight	680 g (1.5 lbs)

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Technical Specification

MTF / Spatial Resolution	Exceeds 4.0 lp/mm @ > 60% contrast
Pixel Resolution	18.4 to 20 pixels/mm
Iris Image Pixel Resolution	640 x 480 pixels
Image Output	Meets ISO 19794-6
Capture Distance (to forehead)	0 to 10 mm (0.0 to 0.4 inches)
Optical Path Distance	350 to 380 mm
Depth of Field	30 mm (1.2 inches)
Inter-Pupillary Distance Covered	40 to 90 mm (1.6 to 3.5 inches)
Time of Capture	Typically around 1 second, from head placement
IR Illumination for Iris Imaging	Dual LED: 850 nm (~ 60%), 750 nm (~ 40%)
Internal LED for Pupil Contraction	Broadband visible (white)
Operating Temperature Range	0°C to 50°C
Humidity	10% to 90% RH, non-condensing
Certification	CE, FCC, USB-IF, India STQC, RoHS, WHQL
IP Rating	IP64
Interface	USB 2.0 High Speed (Data & Power supply)