

AST300

Fingerprint Scanner

Thermal Detection | Precise.
A premium solution for the
modern security challenges.



High-Resolution Scanning: 500 dpi with a large scanning area.

Thermal Liveness Detection: Ensures live fingerprint authentication, blocking spoofing.



Silicon Wafer
High precision for secure apps.

Energy Efficient: 1-watt operation, 40mA standby.

Certification: STQC and UIDAI certified L1 thermal scanner with live finger detection.


Compact & Lightweight: 100g, easy to carry or install.




Thermal Liveness Detection

Smart enough to spot the fakes

 Stronger security

 Fewer false entries

 Greater trust

AST300 Specifications

Sensors	Thermal Sensor, Model NB-65210-S
Image Resolution	500 dpi
Capture Area	FAP20 (15.25mm x 20.34mm)
Live Scan	Yes, ensures protection against spoofing
Scanner Output Image Size	300 x 400 pixels
Gray Level	8 bit/pixel, max 256 grayscales
Image	Supporting JPEG 2000 lossless, ISO, PIV, WSQ (Compression 10:1)
Scanner Interface Cable	USB Type-A, Micro USB & Type-C
Power Supply	1 Watt. Approx. (From USB port) (100 mA. approx, standby: 20mA)
Dimension	80mm(L) x 57mm(W) x 23mm(H)
Weight	60g (approx)
Temperature	0 to 50 Degree
ESD	8KV
Supported Operating Systems	Windows, Android and Linux Supported
Certifications	ISO 19794-2, ISO 19794-4, FIPS 201* Compliant, Minex-III, STQC and UIDAI certified L1 thermal fingerprint scanner



ISO 9001:2015
ISO 14001:2015
ISO 27001:2018

Manufactured by:

Access Computech Ltd,
504/6, GIDC Industrial Estate,
Makarpura, Vadodara, Gujarat,
INDIA. PIN: 390 010

Contact:

+91 - 265 - 311 4000 /
+91 - 265 - 6110 900
support@acpl.ind.in