

TP 6300

Capture high-quality slap, rolled and palm prints in a few seconds



TP 6300 accurately captures tenprints, palms, rolls, and writers' edges, at a scan resolution of 500 ppi or 1000 ppi. Its robust design can handle all types of situations encountered in a police station or jail, making it the ideal tool for law enforcement.

High resolution image quality to facilitate biometric identification

Traditional ink methods sometimes render biometric information illegible.

In contrast, FBI- certified 500 ppi image quality is assured in the digital enrollment process using TP 6300. This accuracy ensures the highest possible match rates when uploaded into an Automated Fingerprint Identification System (AFIS).

Combining high-quality imaging with a robust design

TP 6300 is unaffected by dry or sweaty fingers or an unclean platen. It captures tenprints, palms, rolls, and writer's edges, showcasing minutiae and pore detail with

precision, making it ideal for latent print comparison. With a scan resolution of 500 ppi or 1000ppi (exceeding the FBI certified requirement), the device can accurately capture fingerprints covered in henna or tattoo, ensuring that nothing obstructs the enrollment process.

The sturdy design can handle any situation that may occur during enrollment and identification, including non-cooperative or violent individuals, ensuring the device remains undamaged even in challenging scenarios.

Benefits



Superior image quality

Our patented Moisture Discriminating Optics™ technology enables the capture of sweaty fingers, highlighting pore details to extract precise minutiae from the fingerprints.



Durable and robust design

TP 6300 is hosted in a sealed, tough casing that resists demanding environmental conditions (dust, wet, hot or humid) and impacts (assuming some crash tests have been done).



Rapid and efficient

TP 6300 high quality palm prints can be captured with any operator in a few seconds. It prevents smudging and smearing during finger rolls.

Why IDEMIA?

With over 40 years' experience and over 5 billion fingerprints managed worldwide, IDEMIA is the undisputed leader in biometric security systems. Our algorithms – consistently ranked top by NIST – and sensor technologies, combined with our end-product design and manufacturing expertise, make us the partner of choice for the most prestigious organizations.

We create off-the-shelf and tailor-made solutions to meet the complex and ever-changing demands of customers. We are collaborating with the world's leading enforcement agencies. Our goal is to keep the world as safe and secure as possible. We are committed to helping you do your job by providing you with the most advanced tools and guidance available on the market.



IDEMIA offers the best biometric acquisition solution on the market

ICVS is a software suite designed for real-time operations such as enrollment, check, identity verification and ID document issuance. With data encryption and secure communication,

the system offers greater reliability and security. Compliant with international standards, it provides accuracy and quality control at every step of the process.



Technical specifications

- › **Scanning and image capture resolution**
Scan depth: 8 bits/pixel (256 grey levels)
Capture resolution: 1000 ppi (v) x 1000 ppi (h)
Capture depth: 8 bits/pixel
- › **Active image dimensions**
Palm: 5.0 (h) x 5.1 (v) inches
10 print rolled: 1.6 (h) x 1.5 (v) inches
ID slap: 3.2 (h) x 3.0 (v) inches
- › **Image quality**
Geometric distortion: exceeds FBI IQS specification without calibration
Linearity, signal to noise, CTF, scanned gray levels: meet or exceed FBI IQS specifications
- › **Balanced image distribution™**
200% less geometric distortion equals enhanced accuracy of minutiae and ridge detail location.
- › **Moisture Discriminating Optics™ patent**
Capture of sweaty fingers, highlighting pore details to extract precise minutiae from the fingerprints.
- › **Anti-smear™ technology**
Prevents smudging and smearing during finger rolls. High quality prints with less-skilled operators.
- › **Scanner data interface**
USB 3.0
- › **Auto light balancing**
Maintains consistent image quality over time. Top quality prints all the time.
- › **Illumination**
White LED light panel for low operator eye fatigue
- › **Dimensions**
16 x 8 x 8.5 inches (41 x 20.5 x 21.5 cm)
- › **Weight**
10 kg
- › **Power requirements**
110-120/220-240 VAC, 50/60HZ/-less 15 watts, includes separate DC power module
- › **Operating environment**
Ambient temperature: 40 to 104°F (5 to 40°C)
Relative humidity: 20 to 90% non-condensing
- › **Software development kits**
Available for Windows and Linux platforms
MLS SDK for image acquisition
EVS image acquisition, segmentation and sequence check