

# MorphoTrust USA

## MORPHOTRUST CAMERA TOWER

### Ensure fast service, quality pictures, happy customers and keep lines moving.

The MorphoTrust Camera Tower is designed specifically for the high volume and image quality demands of driver's license and government ID Issuers. It assures quality photos matching ISO and AAMVA guidelines regardless of the lighting environment and location.

With over a billion photos taken to date with MorphoTrust cameras, you get reliability, ease-of-use and portrait quality guaranteed to ensure efficient operators and happy customers.

The design is based on decades of experience and is built with professional grade construction. The flash unit provides high speed, consistent illumination with a duty cycle of 250,000 flashes. For the lowest total cost of ownership and the longest life expectancy, implement the MorphoTrust Camera Tower.

#### FEATURES & BENEFITS

- Immediate confirmation of AAMVA and ICAO quality compliance
- Includes adjustable height at installation, suitable for any table or counter height
- Front office workhorse, improving overall uptime and reducing applicant wait time
- Minimal time needed for maintenance or part replacement
- Live video: allowing the operator to see what the camera sees and confirm the applicant's position
- Setup and training is accomplished in minutes



Camera Tower shown with optional Shadow Reduction System.

#### Find-a-Face™

- Automatically focuses, captures, crops, and color corrects with the press of a button
- Included Image Quality Checking facilitating complaint photos with ICAO, ISO and AAMVA guidelines
- Reduces operator error

#### Small Footprint with Mountable Base

- Secures critical equipment with bolt down option
- Eliminates tangled wires, and modifications to camera settings

#### Advanced Camera, Flash Technology

- Automatically focuses, captures, crops, and color corrects with the press of a button, even in varying ambient or office lighting situations
- Professional grade flash technology ensures more than 250,000 flashes per strobe and eliminates need for replacement

# Camera Tower Specification\*

TECHNICAL	
<b>Size and Weight</b>	Minimum Height: 28.5 in./72.4 cm Maximum Height: 38 in./96.5 cm Minimum Lens Height: 19.5 in./49.5 cm Maximum Lens Height: 29 in./73.7 cm Width at Base: 13 in./33 cm Depth at Base: 11 in./27.9 cm Weight: 24.5 lb./ 11.2 kg
<b>Scanning and Image Capture Resolution</b>	Flash: 250,000 flashes MTBF Flash Modes: Auto via Camera Tower SDK Flash Working Range Wide: Approximately 0.8 – 5.0 m Flash Recycle Time: Less than 0.6 sec.
<b>Camera Flash Specifications</b>	Multi-Finger Plain: 3.2 (h) x 2.0 (v) (nominal) inches Single Thumb Plain: 1.6 (h) x 1.5 (v) inches Rolled Impression: 1.6 (h) x 1.5 (v) inches Full hand scan: 5.15 (h) x 8.0 (v) inches
<b>Camera Power Specifications</b>	<b>Camera Tower 120 VAC Units</b> • Operating Voltage: 120 VAC nominal +/- 10% • Power Consumption: 25 watts nominal when idle (0.22A); 50 watts peak (0.44A)
<b>Temperature (Absolute Maximums)</b>	Operation: 32°-104° F/ 0°- 40° C Storage: -4°-140° F/-20°-60° C
<b>Humidity (Absolute Maximums)</b>	Operation: 30% - 90% Storage: 10% - 90% Both Non-Condensing
<b>Focusing</b>	Auto focus (CCD contrast detection system) with focusing range: 7.9 in./20 cm – (infinity)
<b>Working Range Used</b>	Standard mode: 3.5 ft – 8 ft /1.1 M – 2.4 M (ideal range 60 in./152.4 cm to face, 72 in./182.9 cm to backdrop)
<b>Sensitivity</b>	Auto adjustment via MorphoTrust SDK
<b>Image Type</b>	CCD solid state imager with a minimum of 12.1 mega pixels
<b>Storage Media</b>	None used
<b>Connectivity</b>	Single USB Connection (USB 2.0 compatible)
<b>Software API Compatibility</b>	Microsoft Windows XP, Windows 7
<b>Image Resolution</b>	Numerous (Adjustment via Camera Tower SDK)
<b>Image Formats</b>	Compressed Bitmap (Low- and High-Quality JPEG)
<b>Live Video</b>	Full-motion video 30 FPS at CIF resolution and up to 15 FPS at VGA resolution via USB
<b>White Balance</b>	White Balance programmed via Camera Tower SDK
<b>Exposure Control Used</b>	Exposure controls programmed via Camera Tower SDK

\* Specifications subject to change without notice.

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Simplify, Protect and  
Secure the lives of  
the American people



## MorphoTrust Solutions

All MorphoTrust solutions are built using the latest technologies and devices, with scalable, flexible platforms that meet your needs today and allow you to add features, capabilities and applications as you desire in the future. We maximize your investment by delivering proven, market-leading solutions and components that are fully customized for your unique environment.

We offer:

- **MorphoTrust™ Complete MVA**  
Our full suite for state motor vehicle agencies, includes:  
MorphoTrust™ Issuance 360  
MorphoTrust™ Driver 360  
MorphoTrust™ Vehicle 360
- **MorphoTrust™ Complete Identity for Federal Agencies**
- **MorphoTrust™ Complete Identity for Federal Military**
- **MorphoTrust™ Complete Identity for Law Enforcement**
- **MorphoTrust™ Services**