TECHNICAL DATA SHEET

Gemalto Cogent Fingerprint Scanner
CSD200i

Product Description
The CSD200i is a single-digit optical fingerprint scanner that is housed in a durable compact casing. The advanced optical system enhances ambient light rejection.

Powered by USB 2.0, the connection allows for easy integration with new or existing applications while eliminating excess cables and the need for an image capture board. The durable, lightweight, and ergonomic design allows the CSD200i to be portable without compromising image quality. FBI PIV-071006 Certified, it is ideal for network biometric authentication, authenticating biometric travel documents, and identity verification.

FEATURES
> 500ppi resolution
> USB 2.0 interface
> Captures high-quality flat fingerprint images
> Ambient light rejection
> Large active platen area
> 10 frames/second image capture
> Fully featured with auto capture, adjustable brightness, contract, and gain functions
> FBI PIV-071006
> Mobile ID FAP20
Gemalto Cogent Fingerprint Scanner CSD200i

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Resolution</td>
<td>500 ppi</td>
</tr>
<tr>
<td>Active Platen Area</td>
<td>0.96 x 0.64 in. [24.4 x 16.3 mm]</td>
</tr>
<tr>
<td>Platen Size</td>
<td>1.02 x 0.75 in. [25.9 x 19.0 mm]</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>32° to 131° F (0° to 55° C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>10-90% relative humidity, non-condensing</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-4° to 131° F (-20° to 55° C)</td>
</tr>
<tr>
<td>Drop Test</td>
<td>No hazards after 750mm drop</td>
</tr>
<tr>
<td>Dimensions</td>
<td>2.7 x 2.4 x 2 in. [69 x 61 x 51 mm]</td>
</tr>
<tr>
<td>Weight</td>
<td>0.4 lbs. [0.16 kg]</td>
</tr>
<tr>
<td>Interface/Power</td>
<td>USB 2.0, data and power</td>
</tr>
<tr>
<td>Capture Mechanism</td>
<td>Automatic</td>
</tr>
<tr>
<td>Uniform Illumination</td>
<td>Automatically calibrated</td>
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<tr>
<td>Capture Format</td>
<td>Single finger flats</td>
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**Standard Software**

- Providing a standalone User Interface to let subjects capture their finger
- Quality check [optional]
- Sequence check [optional]

**Available Software Development Kits (SDKs)**

- FPCaptureAccess
- FPCaptureExpressLite [Optional]

**System Requirements**

- Windows® XP or Windows® 7 or Linux®
- Intel® CoreTM 2 Duo 2.4 GHz or higher
- 1 GB RAM or higher
- 80 GB hard drive or higher
- USB 2.0

**Certifications**

- FBI PIV-071006
- Mobile ID FAP 20
- FCC
- CE

**Important Notice**

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