

# Bio-Drive Biometric Fingerprint Technology

**TOPRAM - Bio Drive gives you total control !!**

Access Permission . Data Protection .



## ◆ **Bio Drive Description:**

1. Flash Disk integrates with fingerprint biometrics for high security & convenience.
2. Fingerprint identification with high accuracy and speed.
3. Storing personal/confidential data, such as PKI keys & company data.
4. Windows 98/ ME/XP/2000 supported.
5. Truly plug & play, no driver required(except Win 98)
6. Multilanguage for : Chinese, France, Germany, Spanish, English

## ◆ **Features:**

1. Fingerprints prevent unauthorized access to data.
2. Easy operation for fingerprint enrollment.
3. High speed of digital conversion and classification (1:N).
4. Use chip based sensor for live-scan capturing of 3D-fingerprint minutiae.
5. Compact, mobile portable and light.

## ◆ **Software Applications:**

1. **Access Control:** Access allowed only by fingerprint identified.
2. **PC-Lock Protection:** PC-Lock activated while users are away.
3. **File encryption & decryption:** File encryption & decryption by fingerprint for particularly important file.

◆ **Bio Drive w/USB specs**

<b>Disk Memory Capacity</b>	<b>64MB ~1GB</b>
<b>Fingerprint Capacity</b>	<b>5 fingerprints maximum</b>
<b>Fingerprint Sensor</b>	<b>Semiconductor Sensor</b>
<b>Hardware Interface</b>	<b>USB 2.0</b>
<b>Resolution</b>	<b>508 DPI</b>
<b>Field Size</b>	<b>236 x 192 pixels</b>
<b>Gray Level</b>	<b>256 levels (8 bits/pixel)</b>
<b>False Rejection Rate (FRR)</b>	<b>1/1000</b>
<b>False Acceptance Rate (FAR)</b>	<b>1/1,000,000</b>
<b>Allowable Rotation</b>	<b>± 15°</b>
<b>ESD</b>	<b>20</b>
<b>Scanning Speed</b>	<b>1 second</b>
<b>Matching Speed</b>	<b>&lt; 10ms</b>
<b>Dimension</b>	<b>77 mm (L) x 15 mm (W) x 27 mm (H)</b>
<b>Weight</b>	<b>19 g</b>
<b>Operating Temperature</b>	<b>0°C ~ 50°C</b>
<b>Operating Humidity</b>	<b>20% ~ 80%</b>
<b>Read Speed</b>	<b>8M /second</b>
<b>Write Speed</b>	<b>7M /second</b>