

# ZK – B3

## Fingerprint Time Attendance with Black & White LCD



**AVI INFOSYS LLC**  
AUTHORISED ZKSOFTWARE  
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### Product Introduction

2005 Version of algorithms are in the systematic dependability, accuracy, fingerprints identification improved obviously, identification speed is 3000 templates/second.

B3 is ZK new product with elegant design case, it is another T&A product, it adopts popular POE design, it is suitable for office, factory, hotel, hospital, bank etc.

### Quick Facts

- Built in 32bit fingerprint embedded standalone module (ZEM500), it is easy to integrate with various systems.
- Sensor window cotton improving image quality, accepts dry, wet fingers.
- CMOS automated exposure and intelligent compensation improved image quality.
- Adjusting image distortion, assure fingerprint matching consistency.
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- Accept ODM or OEM, providing system analysis, mould-making, circuit design, producing- assembly, package design, etc, linear service.

### Technical Specification

|                            |   |                           |
|----------------------------|---|---------------------------|
| <b>Size</b>                | : | 185(L) X 123(W) X 43(H)mm |
| <b>User Capacity</b>       | : | 1500                      |
| <b>Transaction Storage</b> | : | 50000                     |
| <b>Algorithm version</b>   | : | 2007 Version algorithm    |
| <b>Hardware platform</b>   | : | ZEM500                    |
| <b>Power</b>               | : | 5V                        |
| <b>Communications</b>      | : | RS232, RS485, TCP/IP      |

|                              |   |   |
|------------------------------|---|---|
| <b>Identification time</b>   | : | ≤ 2S  |
| <b>FAR</b>                   | : | ≤ 0.0001%   |
| <b>FRR</b>                   | : | ≤ 1%  |
| <b>Operating Temperature</b> | : | 0°C - 45°C  |
| <b>Operating Humidity</b>    | : | 20%-80%   |
| <b>Sensor</b>                | : | ZK Sensor   |
| <b>Language</b>              | : | Multi-language  |
| <b>Option</b>                | : | Simple access control, ID/HID/Mifare card, schedule bell, short message, work code, printer, Multi-identification |

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