

# MINDEO



1D

2D



## MP718 Image Platform

### Features

- 1 Stylish, compact design, ideal for self-service device
- 2 High resolution (1280×800) megapixel image
- 3 Support both infrared/image auto-induction trigger and serial trigger
- 4 Loud speaker and soft white LED offer convenient and comfortable user experience



## PHYSICAL CHARACTERISTICS

|                        |                                          |
|------------------------|------------------------------------------|
| Dimensions             | 90.5 mm × 35.4mm × 80.2mm                |
| Weight                 | 95.3 g (without cable)                   |
| Cable                  | Straight 2.0m                            |
| Connector Type         | RJ-45 phone jack connector               |
| Case Material          | ABS                                      |
| Exit Window Material   | Tempered glass                           |
| Host System Interfaces | RS-232, or USB Keyboard, USB virtual COM |
| Indicator Interface    | Beeper and LED                           |
| Trigger Mode           | Continue, Auto-Detect, Host              |
| Programming Method     | Scanning special barcodes in sequence    |
| Firmware Upgrade       | Online                                   |

## ELECTRICAL CHARACTERISTICS

|               |                                              |
|---------------|----------------------------------------------|
| Input Voltage | 5.0 ± 0.25 VDC                               |
| Current       | Scanning 350 mA (Max:550 mA); Standby:135 mA |

## PERFORMANCE CHARACTERISTICS

|                     |                                                     |               |
|---------------------|-----------------------------------------------------|---------------|
| CPU                 | 32-bit ARM Microprocessor                           |               |
| Scan Pattern        | Image                                               |               |
| Image Size          | 1280 × 800 pixels                                   |               |
| Light Source        | 5000 K , white LED                                  |               |
| Scanning Angles     | ±66°, ±61°, 360°(skew, pitch, roll)                 |               |
| Motion Tolerance    | 2.1 m/s                                             |               |
| Print Contrast      | 20% minimum reflectance difference                  |               |
| Decoding Capability | All common 1D/2D paper barcodes and mobile barcodes |               |
| Minimum Resolution  | 4 mil, 1 mil = 0.0254 mm                            |               |
| Decoding Depth      | 4 mil Code39 (9 chars)                              | 15 mm - 45 mm |
|                     | 5 mil Code39 (3 chars)                              | 15 mm - 55 mm |
|                     | 10 mil Code39 (3 chars)                             | 5 mm - 120 mm |
|                     | 13 mil UPC (6 chars)                                | 5 mm - 130 mm |
|                     | 15 mil Code39 (1 char)                              | 5 mm - 145 mm |
|                     | 20 mil Code39 (1 char)                              | 0 mm - 210 mm |
|                     | 6.7mil PDF417 (20 chars)                            | 15 mm - 50 mm |
|                     | 10mil QR (20 chars)                                 | 10 mm - 55 mm |
|                     | 10milDM (20 chars)                                  | 10 mm - 50 mm |
|                     | 20mil QR (20 chars)                                 | 5 mm - 125 mm |

## ENVIRONMENTAL CHARACTERISTICS

|             |                                                  |
|-------------|--------------------------------------------------|
| Temperature | Operating:-10°C to 50°C ; Storage: -30°C to 70°C |
| Humidity    | 5% to 95% (non-condensing)                       |

|        |                                                                                                                             |
|--------|-----------------------------------------------------------------------------------------------------------------------------|
| Safety | EMC: EN55032 , EN55035<br>Photobiological Safety: EN62471<br>Electrical Safety: EN62368-1<br>Light Levels: 0 to 100,000 lux |
|--------|-----------------------------------------------------------------------------------------------------------------------------|

[Notice]: Specifications are subject to change without notice.

