



**Fingerprint  
Module  
Available**



**Barcode  
Reading**



**Magstripe  
Reading**



**Part# K9-MAG-2DW**

**K9** MAG-2DW is the Ideal Multi-Functional Reader to help you Read Magstripe cards and 1D, 2D barcodes.

No need to purchase more than one reader, the K9-MAG-2DW will help your organization to save money. With the Built in Flash Upgrade option, your hardware will always be up to date.

#### Typical Application:

- Driver's License
- Health Cards
- Membership IDs

Unlike any other reader on the market today, The K9 offers diversity and ease of use thru its innovative design. The 2D barcode and Magstripe reader are easily adapted to all RMS & EMS systems. 2 & 3 Factor authentication is also possible with the optional RFID, IC Chip Card and Biometric Fingerprint readers available on the K9. No need to stock different models, The K9 is Modular and Optional features can be added at a later date to meet your budget needs.

## Features & Benefits

- Cost Effective Solution with both Magnetic Stripes, 1D and 2D barcodes (Auto 2D Sensors & Manual 2D Trigger Button)
- Triple Track Reading (Selectable Tracks), Bi-directional Swiping
- Built-in Data Encryption Option with the MX5 High Speed 32 bit Processor: Triple DES, AES128, Advanced Security Features and Masked Data
- Specifically Designed to Meet PCI DSS Requirement
- ABA, ANSI, ISO, AAMVA, CADMV Compatible
- Audible and LED Good Read and Error Indicator
- Programmable Sound & LED On/Off
- Multitude of Flash Upgradable Firmware: USB-KB, USB-RS (serial) USB-HID, USB-Custom
- Auto Caps Lock Detection, Upper Case or Lower Case Option
- Built-in Boot Load Function for Easy Firmware Upgrade
- QuickSet® Barcode & Magstripe setup card for Ease of Custom Settings and hardware deployment
- Optional RFID HF, RFID DF, IC Smart Card and Fingerprint Avail
- Optional Gooseneck Cable mount available
- No Drivers required to be installed (Plug & Play)
- Two Year Warranty

# Specifications:



**Optional  
Gooseneck  
Cable mount**



**Optional  
RFID HF / DF**

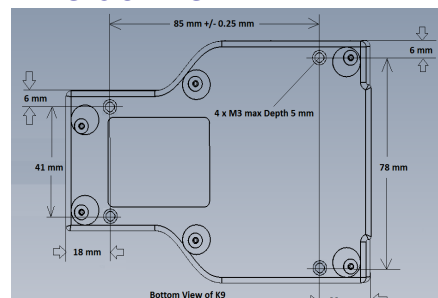


**Optional IC  
Smart Card**

## K9 Barcode Reader Specification:

|                                     |                                                                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Supported 1D Symbolologies          | Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, , Interleaved 2 of 5, ISBN/ISSN, Code 93, GS1 Databar, (Selectable Type) |
| Support 2D Symbolologies            | PDF417, Micro PDF417, QR Code, Micro QR Code, DataMatrix, Aztec,Maxicode, Codablock A & F (Selectable Type)                     |
| 2D Image Sensor                     | CMOS 1.2 Megapixels (1280x 960) Gray Scale                                                                                      |
| 2D Camera Resolution                | 960x640                                                                                                                         |
| Connector                           | USB Type A                                                                                                                      |
| Light Source                        | LED (617.5 nm – 633.5 nm)                                                                                                       |
| Depth of Scan Shield                | 25 mm – 210 mm (will vary depending on size of barcode)                                                                         |
| Cable Length                        | 6 ft (180cm) or, 5ft (150cm) with Gooseneck Mount                                                                               |
| Dimension (LxWxH)                   | 103x90x45 mm                                                                                                                    |
| Weight                              | 1 75g                                                                                                                           |
| Supported Standard                  | ABA, ANSI, ISO,AAMVA, CADMV                                                                                                     |
| Communications                      | Selectable KB, VRS, HID Report, CCID (Selectable output for each module)                                                        |
| Power                               | Via USB port                                                                                                                    |
| Current mA                          | 350 mA - 425 mA                                                                                                                 |
| Operating Temp.                     | - 20 C to 55 C                                                                                                                  |
| Humidity                            | 10% - 90% relative humidity                                                                                                     |
| Quick Set® Barcode & Magstripe      | Yes, Customizable                                                                                                               |
| Set-up Utility                      | Yes                                                                                                                             |
| Flash Memory Update                 | Yes                                                                                                                             |
| Boot Load Flash Upgradable Memory   | Yes                                                                                                                             |
| Selectable Tracks                   | Yes (Separate Track selection for both ISO & AAMVA)                                                                             |
| Selectable Available Tracks         | 1, 2, 3                                                                                                                         |
| Track Swipe Rates                   | 2 : 125 ips at 75 bpi<br>1, 3: 60 ips at 210 bpi                                                                                |
| Head Life                           | Over 1,000,000 passes                                                                                                           |
| Programmable Sound & LED On/Off     | Yes                                                                                                                             |
| Programmable Carriage Return        | Yes (For both 2D & Magstripe)                                                                                                   |
| Programmable Inter character Delay  | Fixed                                                                                                                           |
| Programmable SS/ES Selectable Char. | Yes (For both 2D & Magstripe)                                                                                                   |
| Parity and LRC Data Checking        | Built-in, audible and LED good read and error indicator                                                                         |
| Camera Certifications               | CE, FCC, UL, RoHS,ICES-003                                                                                                      |
| Support Operating Systems           | Win 11 / 10 / 7, Win 2008 , Unix, Linux, IOS                                                                                    |
| Warranty                            | 2 years                                                                                                                         |

## Dimension View:



**POSH MFG LTD**

Canada

1-888-282-7674

[www.poshmfg.com](http://www.poshmfg.com)

[sales@poshmfg.com](mailto:sales@poshmfg.com)

Specifications subject to change without notice