

# MS Series Proximity Readers

## For use with MS Series Proximity™ Credentials

### DATA SHEET

- Sleek Attractive Packages
- Ultra Thin Profiles
- Better Read Range Performance Than Competing Products of Similar Size
- Mullion Reader Available
  - Fits smaller door frames



Keri's **MS Series Proximity Readers** are designed to blend aesthetics, read range performance, and small package size with an extremely thin profile into a product that is priced significantly less than competing proximity readers. The readers are for use exclusively with Keri's access control system based on the PXL-500 Tiger and the NXT-2D and NXT-4D Controllers.

The smallest readers in the series are the **MS-3000 MicroStar™ Reader** and the **MS-5000 MiniStar™ Reader**. The MicroStar Reader measures just 3.4" long x 1.4" wide x 0.38" thick (86mm x 36mm x 10mm) thick, and is designed to mount on a metal window or door frame (mullion) or directly on a wall. Read range is up to 4" (10cm). The MiniStar Reader measures 4.3" long x 3.0" wide x 0.38" thick (109mm x 76mm x 10mm), and can be mounted on a single gang electrical box or flat on a wall. Read range is up to 6" (15cm) when mounted at least one inch off metal. If the reader is mounted using a metal electrical junction box with the thickness of the wall material separating the reader from the box, read range will be reduced.

The **MS-7000 SuperStar™ Reader** measures just 8.5" long x 6" wide x 0.83" thick (21.6cm x 15.2cm x 2.1cm), with a read range of up to 14" (35cm). This reader is designed for applications where greater read range adds to the convenience of the system, such as parking access or physically challenged access.

The readers are attractively designed with a thin profile and modern appearance. The readers are compatible with Keri's KC-10X and MT-10X proximity card styles as well as the small, extremely robust PKT-10X Key Tag. Additionally, they can read any Indala ASP Card or Tag if they are to be used in conjunction with a PXL-500 Controller.



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## Specifications:

### Size:

3.4" H x 1.4" W x 0.38" T (MS-3000)  
(86mm x 36mm x 10mm)

4.3" H x 3.0" W x 0.38" T (MS-5000)  
(109mm x 76mm x 10mm)

8.5" H x 6" W x 0.83" T (MS-7000)  
(21.6cm x 15.2cm x 2.1cm)

### Weight:

2.1 oz. (59g) (MS-3000)

3.2 oz. (90g) (MS-5000)

1.3 lbs. (582g) (MS-7000)

### Read Range\*:

Up to 4" (10cm) (MS-3000)

Up to 6" (15cm) (MS-5000)

Up to 14" (35cm) (MS-7000)

### Input Voltage:

+12 VDC nom. (5-14 VDC) (MS-3000)

+12 VDC nom. (5-14 VDC) (MS-3000)

+11 VDC to +14 VDC (MS-7000)

### Current Draw:

50 mA typical (MS-3000)

100 mA typical (MS-5000)

200 mA typical (MS-7000)

### Operating Temperature:

-40° C to +65° C

### LED Indicator:

Tri-Color Standard (Red, Green, Amber)

### Audio Tone:

Standard

### Frequency:

125 KHz excitation, 62.5 KHz data return

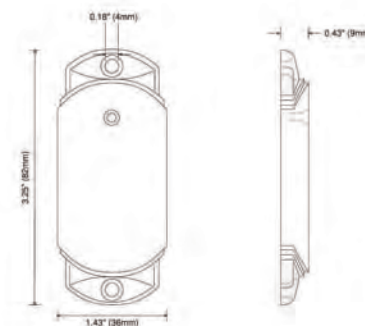
### Warranty:

Lifetime warranty against defects in materials and workmanship.

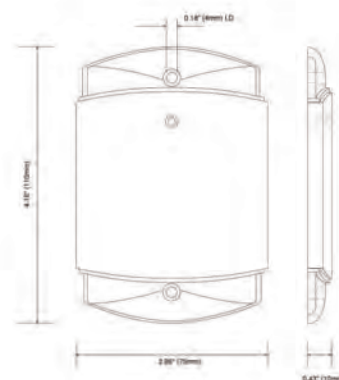
*\* Read range is stated in a clean RF and electrical environment with KC-10X card presented parallel to reader surface.*

*Note: Specifications subject to change without notice. Trademarks are the property of their respective owners.*

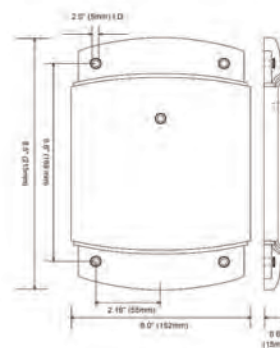
**MS-3000  
MicroStar  
Reader**



**MS-5000  
MiniStar  
Reader**



**MS-7000  
SuperStar  
Reader**



## ORDERING INFORMATION:

### Part Number

MS-3000X

MS-5000BX

MS-7000X

### Description

Mullion Mount Proximity Reader for PXL-500P Controllers

Wall Mount Proximity Reader for PXL-500P Controllers

Medium Range Proximity Reader for PXL-500P Controllers



Presented By: