

To Network HUB by others

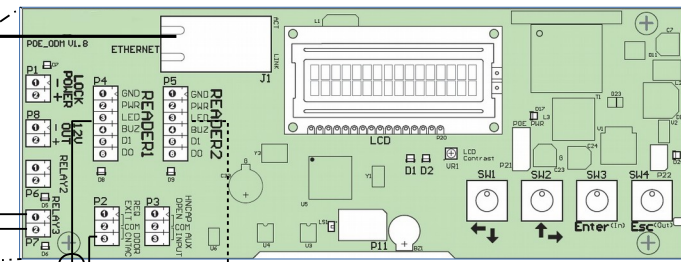
To Maglock Power Supply

Twisted pair 4 pair  
Cat5 100BASE T or Better

2 cond  
18 AWG  
Belden 9740  
or Equivalent



Contact in  
Maglock



2 Cond 22 AWG  
Belden 8740 or  
equivalent

6 Cond stranded not  
twisted overall  
shielded 22 AWG  
Belden 9537 or  
Equivalent

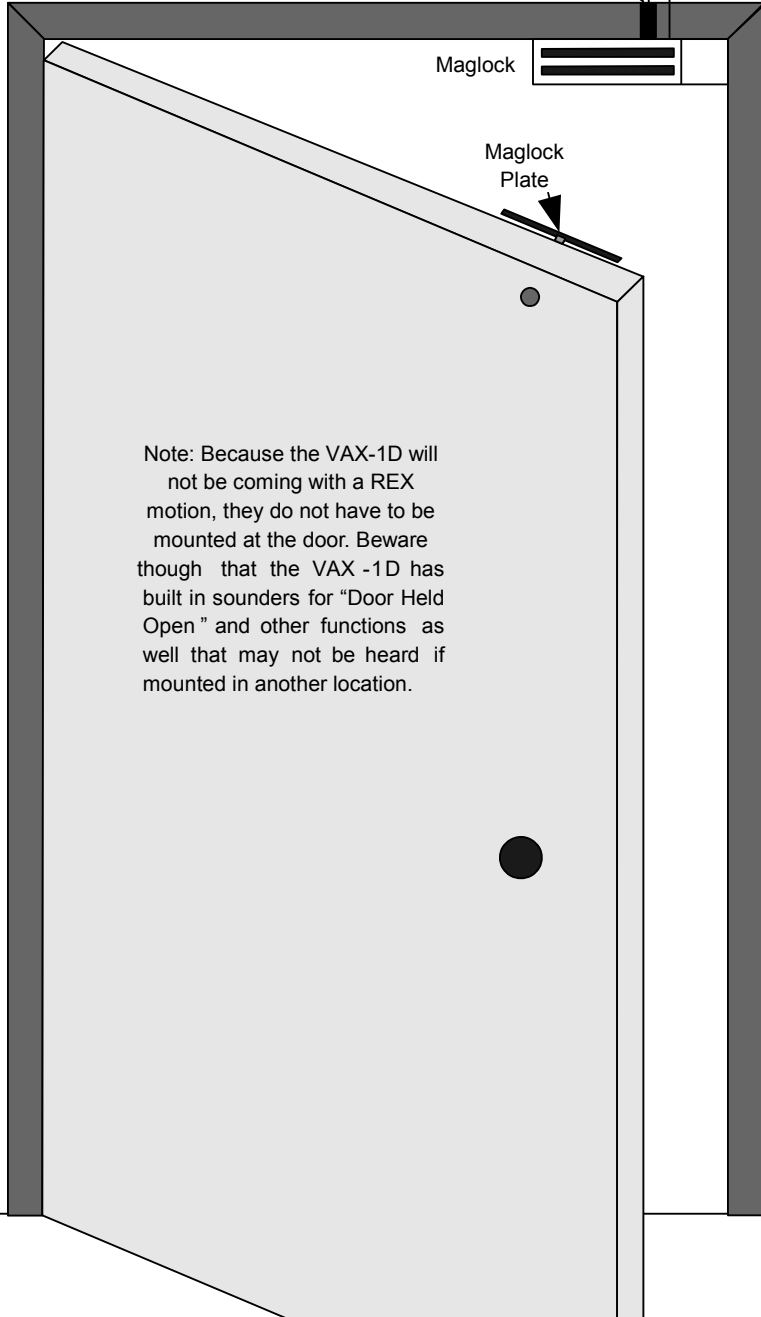


Card  
Reader



Card  
Reader

(Other side of Door)



Note: Because the VAX-1D will not be coming with a REX motion, they do not have to be mounted at the door. Beware though that the VAX -1D has built in sounders for "Door Held Open" and other functions as well that may not be heard if mounted in another location.

**Maglocks must be installed and interfaced according to local codes. The manufacturer is not responsible for any failure in operation due to failing to comply with these codes.**

**\*\* Current Limit on SSR Output 2 or Output 3 is 24v @ 1A  
If Maglock requires more, use isolation/external relay**

Name	Maximum Distance	Cable Type	Code
POE Cable**	100 m (328')	twisted pair, 4 pairs	Cat5 100BASE-T or better
Reader Cable	152 m (500')	6 conductor stranded not twisted, 24 AWG or thicker, 100% overall shielded	Belden 9537 or equivalent
Door Strike Cable	152 m (500')	2 conductor stranded 18 AWG	Belden 9740 or equivalent*
Output Cable	152 m (500')	2 conductor stranded 22 AWG	Belden 8740 or equivalent**
Input Cable	152 m (500')	2 conductor stranded 22 AWG	Belden 8740 or equivalent**



Site:	Simple Maglock Configuration
Drawing Type:	2 Reader door with maglock to VAX 1-D
Drawn	Jan. 19, 2015
Rev:	