

型号：ADK-DTA16/AC

安装方式

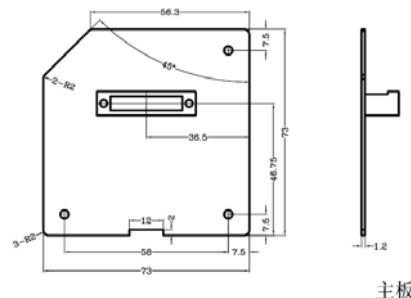
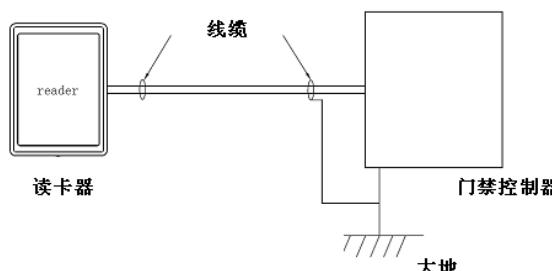
- 1 将背板用 2 个或者 4 个螺丝固定在墙上或者安装盒上。
- 2 将读卡器上面卡扣挂上背板，再将读卡器下端按下。
- 3 将读卡器下端的防脱螺丝拧紧。
- 4 安装完成。

规格说明

输入电压 (读头终端)	直流10伏~15伏	读卡距离	> 5厘米
电流大小	100毫安 (最大)	信号传输距离	150米
温度范围	-30° C~70 ° C	按键输出格式	8 位韦根 (默认)
工作环境湿度 (%)	10~90		

建议采用

线性直流电源
22AWG 屏蔽线缆；
一端接地 (如下图)



物理尺寸图 (mm)

读卡器的启动

读卡器上电，红色 LED 亮，绿色 LED 闪亮 5 次，蜂鸣器蜂鸣 2 声，读卡器进入工作状态，长亮红灯。
刷卡，绿色 LED 闪亮一次；蜂鸣器蜂鸣一次。按键读卡器时，按键一次，绿色 LED 闪亮一次；蜂鸣器蜂鸣一声。

接线方式

颜色	描述
红	电源+12VDC
黑	电源信号地
绿	韦根信号 D0
白	韦根信号 D1
蓝	绿色 LED 输入，低电平触发
棕	蜂鸣器输入，低电平触发

故障排除

不良现象	解决方法
上电读卡器无反应 确保输入电压足够 (参考规格说明)	断电，重新确认接线是否正确 (参考“接线方式”) 确保输入电压足够 (参考规格说明)
自动重启	确保输入电压足够 (参考规格说明)
卡号不正确 确保 D0 和 D1 连接正确	检查并确保控制器格式与读卡器输出格式一致，用授权过的卡测试 确保 D0 和 D1 连接正确
无卡信号输出 确保输入电压足够 (参考规格说明)	确保 D0 和 D1 连接良好 (参考“接线方式”) 确保输入电压足够 (参考规格说明)
蜂鸣器输出不良	确保蜂鸣器接线正确 (参考“接线方式”)
LED 状态错误 用默认设置卡重新设置读卡器	确保 LED 输入连接正确 (参考“接线方式”) 用默认设置卡重新设置读卡器

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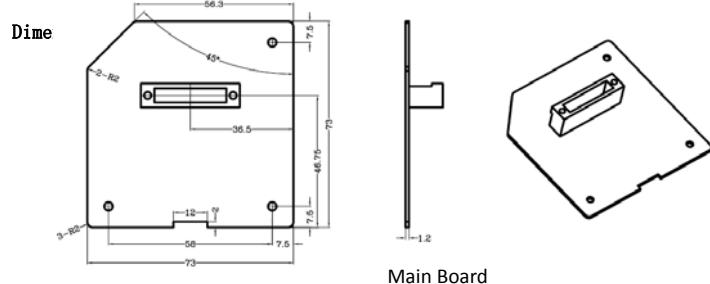
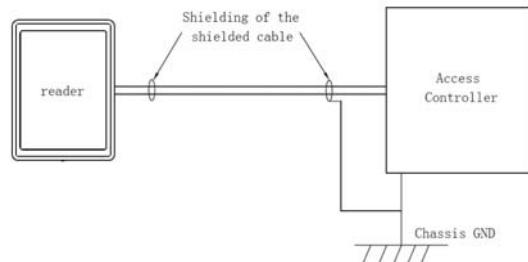
Mounting:

1. Install the metal plate on the wall with two or four screws, which depends on different kinds of gang box being installed.
2. The cover shall clip on the upper edge first and then push in the bottom part.
3. Tighten the secure non-dropout screw, which located underneath of the reader to fix the reader and the back plate.
4. Installation completed.

Input Voltage (at Reader end)	DC10V~15V	Typical Read range	> 5cm
Operating Current	100mA (max)	Maximum Cable Length	150m
Operating Temperature	-30°C~70 °C	Number pad format	8 bits burst by default
Humidity Range(%)	10~90		

Recommendation:

1. Linear DC Power Supply;
2. 22AWG shielded cable; it's required to do "one-point" ground. (As shown in the diagram)



Power up Sequences:

1. When reader is powered up, the Red LED will flash once, then the Green LED will flicker for 5times. The reader will beep twice and the reader is in Ready mode. Red LED will continue to be ON.
2. Present the card. The Green LED will flash once; buzzer will beep once.
3. When keypad is being pressed, Green LED will flash once, buzzer will beep once.

Wiring:

Color	Description
Red	Power Supply to the reader
Black	Signal GND
Green	Wiegand Output data, D0
White	Wiegand Output data, D1
Blue	Green LED control, active low
Brown	Buzzer input, active low

Troubleshooting:

Trouble List	Solution
No Response when Power Up	<ul style="list-style-type: none"> • Disconnect the power and confirm that the power supply cable is correctly connected (See "Wiring" above). • Check the input voltage is sufficient (See "Specifications" above).
Auto Restart	<ul style="list-style-type: none"> • Check the input voltage is sufficient (See "Specifications" above).
Cannot read card number correctly	<ul style="list-style-type: none"> • Check the format setting on the controller if it is the same as the card format. Use approved card (known format and Facility Code) to test. • Check if the shield cable is correctly connected to Classis Ground at ONE point only.
Reader beeps but No card data info	<ul style="list-style-type: none"> • Check if data 0 & data 1 cable is correctly connected (See "Wiring" above). • Check the input voltage at the card reader end is correct (See "Specifications" above).
Buzzer error	<ul style="list-style-type: none"> • Check if the buzzer cable is correctly connected (See "Wiring" above).
LED Status Error	<ul style="list-style-type: none"> • Check the Led cable is correctly connected (See "Wiring" above). • Use Default Configuration Card to set it back to normal.



Keypad & Proximity Flash Mount Reader Installation Manual

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.