

## Disclaimer

Thank you for purchasing the ROBOMASTER™ Referee System Light Indicator Module. Please read this disclaimer carefully before using this product. By using this product, you hereby signify that you have read and agree to all content herein. Please install and use this product properly and in strict accordance with the User Manual and product instructions, as well as any relevant laws, regulations, and policies. Users shall be responsible for the consequences resulting from their behavior while using this product. DJI™ will not bear any legal responsibilities for any damages due to improper use, installation or modification.

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DJI reserves the right of final interpretation of this disclaimer.

## Product Usage Precautions

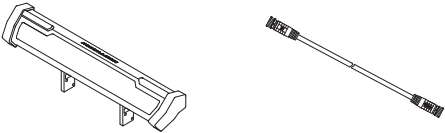
1. Before using the product, make sure that there are no short circuits, and that all interfaces are correctly connected.
2. Before using the product, please download the RoboMaster 2019 Referee System User Manual from the official RoboMaster website to learn more about the product.

## Introduction

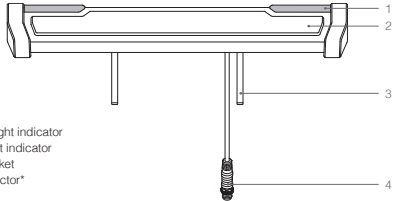
The RoboMaster Referee System Light Indicator Module is a unit that shows the current HP and status of your robot. By checking the status of the light indicator, you can identify the remaining HP and status of your robot.

## Inventory List

Light Indicator Module	× 1	Aviation Connector Cable	× 1
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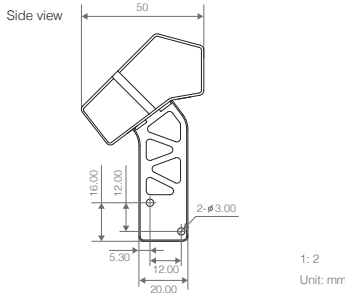
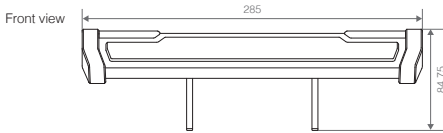


## Component Name



\* For ease of observation and explanation, the aviation connector that comes with the Light Indicator Module is hidden in other diagrams used in this User Guide.

## Installation Dimensions

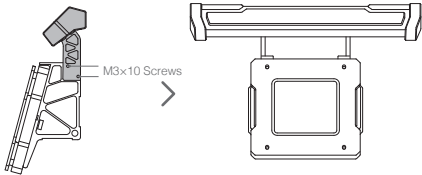


1: 2  
Unit: mm

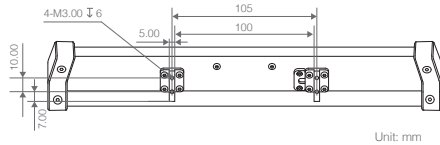
## Installation

The Light Indicator Module can be mounted onto either the large armor or small armor of the Referee System in the same way. Below is an explanation of how to mount the Light Indicator Module onto the small armor.

1. Use ten M3 screws to secure the Light Indicator Module to the two sides of the support frame of the small armor.



2. Secure the Light Indicator Module using the four ø3 through-holes at the side of the mounting bracket (see Installation Dimensions) and the four M3 threaded holes at the bottom of the mounting bracket (see below).



Unit: mm

## Product Parameters

Model	LI01
Rated Operating Voltage	12 V
Current	1 A~3.5 A
Weight	Approx 350 g
Dimensions	285 x 50 x 84.75 mm

## FCC Compliance

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.

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



Contact us  
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RoboMaster BBS: [bbs.robomaster.com](http://bbs.robomaster.com)  
RoboMaster Email: [robomaster@dji.com](mailto:robomaster@dji.com)



Weibo



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## 免责声明

感谢您购买 RoboMaster™ 裁判系统灯条模块。在使用之前，请仔细阅读本声明，一旦使用，即被视为对本声明全部内容的认可和接受。请严格遵守手册、产品说明和相关的法律法规、政策、准则安装和使用该产品。在使用过程中，用户承诺对自己的行为及因此而产生的所有后果负责。因用户不当使用、安装、改装造成的任何损失，DJI™ 将不承担法律责任。

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## 产品使用注意事项

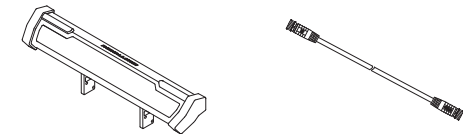
1. 使用时请确保电路无短路、接口按照要求正确连接。
2. 使用前，请前往 RoboMaster 官网下载《RoboMaster 2019 裁判系统用户手册》了解产品更为详细的使用功能。

## 简介

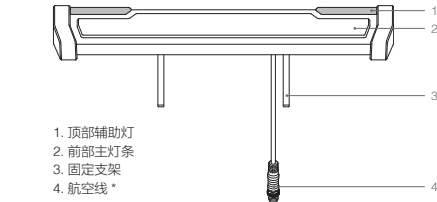
RoboMaster 裁判系统灯条模块是显示机器人当前血量和状态的单元。通过观察灯条效果，用户可直观判断机器人当前剩余血量以及所处的状态。

## 物品清单

灯条模块 × 1      航空线 × 1

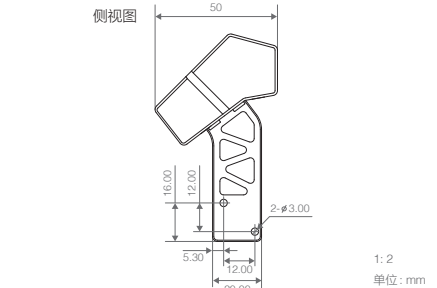
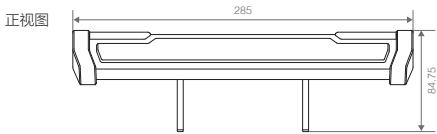


## 部件名称



\* 为方便观察和讲解其他安装内容，本文所用的其他图示中将灯条模块本身所自带的航空线进行了隐藏。

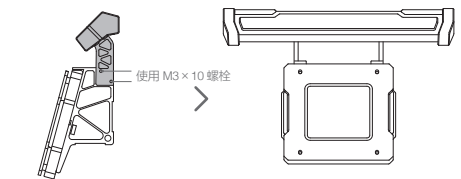
## 安装尺寸



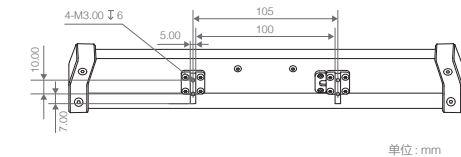
## 安装

灯条模块可安装至裁判系统大装甲或小装甲，安装方式相同。下面以将灯条系统安装至小装甲为例进行说明。

1. 用 M3x10 的螺丝将灯条模块固定在小装甲支撑架的两侧。



2. 然后利用安装支架侧面的 4 个  $\phi 3$  的通孔（见安装尺寸图）或安装支架底部的 4 个 M3 螺纹孔（见下图）将灯条模块固定在其他符合裁判系统安装要求的地方。



## 产品参数

型号	LI01
额定工作电压	12 V
电流	1A~3.5 A
重量	约 350 g
尺寸	285 × 50 × 84.75 mm

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr <sup>6+</sup> )	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
线路板	×	○	○	○	○	○
外壳	×	○	○	○	○	○
金属部件 (铜合金)	×	○	○	○	○	○
内部线材	×	○	○	○	○	○
其他配件	×	○	○	○	○	○
本表格依据 SJ/T 11364 的规定编制。 ○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。（产品符合欧盟 ROHS 指令环保要求）						

### Supplier's Declaration of Conformity

Product name: RoboMaster Referee System Light Indicator Module  
Model Number: LI01  
Manufacturer's Name: SZ DJI TECHNOLOGY CO., LTD.  
Manufacturer's Address: 14th floor, West Wing, Skyworth Semiconductor Design Building NO.18 Gaixin South 4th Ave, Nanshan District, Shenzhen, Guangdong, China  
Responsible Party: DJI Technology, Inc.  
Responsible Party Address: 201 S. Victory Blvd., Burbank, CA 91502  
Contact person: Mingyu Wang  
Telephone: (650)812-0559

We, DJI Technology, Inc., being the responsible party, declares that the above mentioned model was tested to demonstrate complying with all applicable FCC rules and regulations. 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.

Signed for and on behalf of: DJI Technology, Inc.

Name: Mingyu Wang  
Position: VP of R&D  
Date: 2017-12-1

Signature:

# RoboMaster Referee System

## Light Indicator Module LI01

User Guide

使用说明

v1.0 2018.11

