

# 32 路指示灯驱动模块

32 路指示灯驱动模块是具有总线通讯功能的灯指示设备, 报警主机通过它可以在指定的情况下(报警等)点亮或熄灭某一个或多个灯, 可实现一对一, 一对多, 多对一的点亮效果, 从而达到模拟周界电子地图灯光屏的效果, 使报警状态或显示区域更加清晰。

## 1. 性能特点:

- 32 路发光二极管 / 灯条
- RS485 总线通讯方式
- 8 路电源正极输出。
- 支持同时点亮单个或多个指示灯 (一对一、一对多)
- 指示灯状态可设置为常亮或闪烁。

## 2. 规格及参数

描述	32 路灯指示模块
通讯方式	RS485 通讯
尺寸	100 x 60 x 13mm (长 x 宽 x 厚)
重量	200 克
工作温度	-10℃ ~ +50℃; 0-85%湿度
工作电压	直流 10 ~ 15 伏
工作电流	静态电流: 100 毫安, 每点亮一个灯增加 10 毫安
指示灯参数	电压: 直流 1.5-3.0 伏, 电流: 10-15 毫安
联网功能	可与报警主机连接, 进行灯指示 (常亮或闪烁)
输出接口	32 路负极固态输出, 8 路电源正极输出。
地址设定	8 位拨码开关
指示灯状态	可固定常亮或闪烁, 由 JP1 短路帽控制
应用场合	模拟周界地图, 报警时对应防区灯常亮或闪烁

## 3. 使用说明

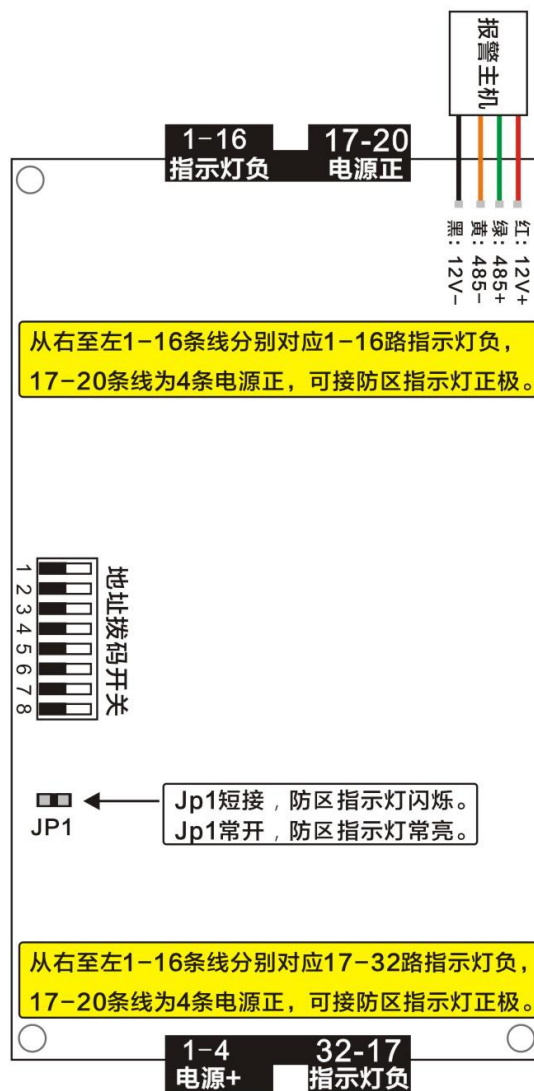
- 上电后, 设备上的运行指示灯 (主板中间) 会快速闪烁, 表示设备工作正常。
- 一旦某一路动作, 相关的该路指示灯会亮或闪烁; 断开指示灯灭。

## 4. 与报警主机连接使用说明

- 接线说明: 如果和报警主机共用电源, 将 “红、绿、黄、黑” 4 芯线分别与主机的 “红、绿、黄、黑” 4 端子相连; 如果和报警主机不共用电源, 将 “绿、黄、黑” 3 芯线分别与主机的 “绿、黄、黑” 3 端子相连, 将 “红、黑” 2 芯线与自己的电源正、负极相连 (建议单独使用电源)。
- 在同一台报警主机上使用时, 每一个灯模块有自己的唯一地址, 不能与其它灯模块的地址相同。地址的范围及设定, 请参考报警主机的安装或使用手册。

## 5. 指示灯使用说明

- 一般情况下, 公司出厂时会根据客户提供指示灯和相关接口。如果客户自己配置指示灯, 指示灯出厂时, 一般长的脚为正, 安装时, 将长脚的接线连接到该灯座的正端 (左引脚), 另外一脚到负端 (右引脚)。
- 该驱动模块分 2 个端口接线。每个端口有 16 个防区指示灯负极引线, 4 个电源正引线。按对应引线接入指示灯或灯条的正负极。



附：地址编码表

● = 拨码开关闭合状态 (ON)

地址		开关状态								地址		开关状态								地址		开关状态																	
		1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8
0										60			●	●	●	●			120				●	●	●	●		180			●	●	●	●					
1	●									61	●		●	●	●	●			121	●			●	●	●	●		181	●		●	●	●	●					
2		●								62		●	●	●	●	●			122		●		●	●	●	●		182		●	●	●	●	●					
3	●	●								63	●	●	●	●	●	●			123	●	●		●	●	●	●		183	●	●	●		●	●	●				
4			●							64							●		124			●	●	●	●	●		184			●	●	●	●					
5	●		●							65	●						●		125	●		●	●	●	●	●		185	●		●	●	●	●					
6		●	●							66		●					●		126		●	●	●	●	●	●		186		●	●	●	●	●					
7	●	●	●							67	●	●					●		127	●	●	●	●	●	●	●		187	●	●	●	●	●	●					
8				●						68			●				●		128								●	188			●	●	●	●					
9	●			●						69	●		●				●		129	●							●	189	●		●	●	●	●					
10		●		●						70		●	●				●		130		●						●	190		●	●	●	●	●					
11	●	●		●						71	●	●	●				●		131	●	●						●	191	●	●	●	●	●	●					
12			●	●						72				●			●		132			●					●	192				●	●	●					
13	●		●	●						73	●			●			●		133	●		●					●	193	●			●	●	●					
14		●	●	●						74		●		●			●		134		●	●				●	194		●			●	●	●					
15	●	●	●	●						75	●	●		●			●		135	●	●	●				●	195	●	●			●	●	●					
16					●					76			●	●			●		136				●				●	196			●	●	●	●					
17	●				●					77	●		●	●			●		137	●	●		●				●	197	●		●	●	●	●					
18		●			●					78		●	●	●			●		138		●		●				●	198		●	●		●	●					
19	●	●			●					79	●	●	●	●			●		139	●	●		●				●	199	●	●	●		●	●					
20			●		●					80				●			●		140			●	●			●	200			●		●	●	●					
21	●		●		●					81	●			●			●		141	●		●	●			●	201	●		●		●	●	●					
22		●	●		●					82		●		●			●		142		●	●	●			●	202		●		●	●	●	●					
23	●	●	●		●					83	●	●		●			●		143	●	●	●	●			●	203	●	●		●		●	●					
24				●	●					84			●				●		144					●		●	204			●	●	●	●	●					
25	●				●	●				85	●		●				●		145	●				●		●	205	●		●	●	●	●	●					
26		●			●					86		●	●				●		146		●					●	206		●	●	●	●	●	●					
27	●	●			●	●				87	●	●	●				●		147	●	●			●		●	207	●	●	●		●	●	●					
28			●	●	●					88				●	●		●		148			●				●	208				●	●	●	●					
29	●		●	●	●					89	●			●	●		●		149	●		●				●	209	●			●	●	●	●					
30		●	●	●	●					90		●		●	●		●		150		●	●				●	210		●		●	●	●	●					
31	●	●	●	●	●					91	●	●		●	●		●		151	●	●	●				●	211	●	●		●		●	●					
32					●					92			●	●	●		●		152				●	●		●	212			●		●	●	●					
33	●				●					93	●		●	●	●		●		153	●			●	●		●	213	●		●		●	●	●					
34		●			●					94		●	●	●	●		●		154		●					●	214		●	●	●	●	●	●					
35	●	●			●					95	●	●	●	●	●		●		155	●	●		●	●		●	215	●	●	●		●	●	●					
36			●		●					96							●		156			●	●			●	216			●	●	●	●	●					
37	●		●		●					97	●						●		157	●		●	●			●	217	●		●	●	●	●	●					
38		●	●		●					98		●					●		158		●	●	●			●	218		●	●	●	●	●	●					
39	●	●	●		●					99	●	●					●		159	●	●	●	●			●	219	●	●		●		●	●					
40				●	●					100			●				●		160					●		●	220			●	●	●	●	●					
41	●			●	●					101	●		●				●		161	●				●		●	221	●		●	●	●	●	●					
42		●		●	●					102		●	●				●		162		●				●		●	222		●	●	●	●	●	●				
43	●	●		●	●					103	●	●	●				●		163	●	●					●	223	●		●	●	●	●	●	●				
44			●		●					104				●			●		164			●				●	224				●	●	●	●	●				
45	●		●	●	●					105	●			●			●		165	●		●				●	225	●			●	●	●	●	●				
46		●	●	●	●					106		●		●			●		166		●	●				●	226		●		●	●	●	●	●				
47	●	●	●	●	●					107	●	●		●			●		167	●	●	●				●	227	●	●		●		●	●	●				
48					●	●				108			●	●			●		168				●			●	228			●		●	●	●	●				
49	●				●	●				109	●		●	●			●		169	●			●			●	229	●		●		●	●	●	●				
50		●			●	●				110		●	●	●			●		170		●		●			●	230		●	●		●	●	●	●				
51	●	●			●	●				111	●	●	●	●			●		171	●	●					●	231	●	●	●		●	●	●	●				
52			●		●	●				112				●			●		172			●	●			●	232			●		●	●	●	●				
53	●		●		●	●				113	●			●			●		173	●		●	●			●	233	●		●		●	●	●	●				
54		●	●		●	●				114		●		●			●		174		●	●	●			●	234		●		●	●	●	●	●				
55	●	●	●		●	●				115	●	●		●			●		175	●	●	●	●			●	235	●	●		●		●	●	●				
56				●	●	●				116			●				●		176				●	●		●	236		●	●	●	●	●	●	●				
57	●			●	●	●				117	●		●				●		177	●			●	●		●	237	●		●	●	●	●	●	●				
58		●		●	●	●				118		●	●				●		178		●			●	●		●	238		●	●	●	●	●	●				
59	●	●		●	●	●				119	●	●	●				●		179	●	●			●	●		●	239	●	●	●	●	●	●	●				