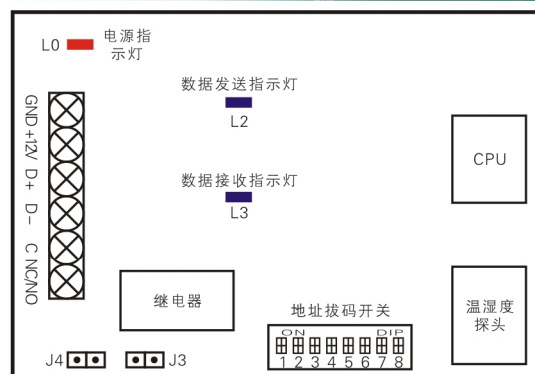
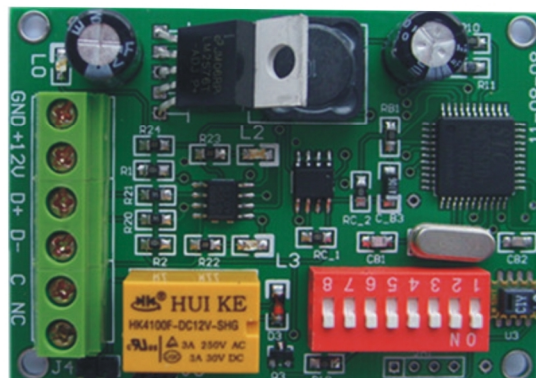


ekong易控

温湿度探测器用户操作说明



eKong易控温湿度探测器是具有总线通讯联网功能的设备，并带有1路继电器输出。通过总线与远距离的中心设备（电脑）通讯，实时显示当前温湿度值；带有地址编码设置开关。

规格及参数：

- ◆ 测量范围： 温度：-40℃ ~ +120℃
湿度：0.1 ~ 99 %RH
- ◆ 测量精度： 温度：±0.5℃ 湿度：±4.5 % RH
- ◆ 传感器类型： 温度：SHT10 湿度：SHT10
- ◆ 通讯接口： RS-485
- ◆ 电 源： DC9~12V直流输入
- ◆ 主机静态耗电：20mA
- ◆ 主机报警状态：40mA
- ◆ 尺 寸： 75×54×27 mm
- ◆ 工作温度： -20~70℃

接线说明：

- ◆ 接线说明： (GND)接电源负极，(+12V)接电源正极，
(D+)接RS485总线正，(D-)接RS485总线负，
(G)接继电器输出负，
(NC)接继电器输出常开/常闭可选，
- ◆ 在同一台电脑上使用时，每一个温湿度探测器有自己的唯一地址，不能与其它温湿度探测器的地址相同。
- ◆ 线材采用屏蔽双绞线，信号线粗为2*0.5，走线最长距离为1200米，不能和强电一起走线，

LED灯说明：

- ◆ LO：电源灯，L2：数据发送指示灯，L3：数据接收指示灯。数据指示灯闪烁表示通讯正常。

继电器说明：

- ◆ 继电器输出为无源（开关量）输出，出厂为常开，
- ◆ J3短接为常开输出，J4短接为常闭输出，只能选择一种输出。

温湿度探测器功能及特点：

- ◆ 实时采集温度数据，采集间隔达到S级。
- ◆ 产品能全程跟踪记机房、车间、库房、实验室等环境温度湿度变化；
- ◆ 用户可以通过数据管理软件对所取数据进行分析
- ◆ 数字信号输出，接口RS485。
- ◆ 稳定性高可24小时不间断工作，是替代温湿度变送器的新式产品。
- ◆ 提供数据即读取信号通讯协议，客户可根据工程应用进行二次开发，大大减少开发时间及成本。
- ◆ 可提供MODBUS RTU协议，出厂为AT110协议

地址编码说明：

在将温湿度探测器接入系统使用时，必须对其进行地址编码，编码通过编码开关进行设置，地址编码采用2进制编码方式。最大可编到127地址，编码开关按“12345678”顺序排列设置二进制地址。

例：把温湿度地址编为00001001，1、2、3、4、6、7不动，5、8拨到（OFF）地址为“009”，在软件增加009地址时应写为“000009”

注：00000000地址不可用，地址码必须从00000001开始。

温湿度探测器地址编码表

地址	● = 拨码开关 闭合 (OFF)							
	开关状态							
	1	2	3	4	5	6	7	8
0								●
1							●	
2							●	●
3							●	●
4						●		
5						●		●
6						●	●	
7						●	●	●
8					●			
9					●			●
10					●		●	
11					●		●	●
12					●	●		
13					●	●		●
14					●	●	●	
15					●	●	●	●
16				●				
17				●				●
18				●			●	
19				●			●	●
20				●		●		
21				●		●		●
22				●		●	●	
23				●		●	●	●
24				●	●			
25				●	●			●
26				●	●		●	
27				●	●		●	●
28				●	●	●		
29				●	●	●		●
30				●	●	●	●	
31				●	●	●	●	●
32		●						
33		●						●
34		●					●	
35		●					●	●
36		●				●		
37		●				●		●
38		●				●	●	
39		●				●	●	●
40		●			●			
41		●			●			●
42		●			●		●	
43		●			●		●	●
44		●			●	●		
45		●			●	●		●
46		●			●	●	●	
47		●			●	●	●	●
48		●	●					
49		●	●					●
50		●	●				●	
51		●	●				●	●
52		●	●			●		
53		●	●			●		●
54		●	●			●	●	
55		●	●			●	●	●
56		●	●	●				
57		●	●	●				●
58		●	●	●			●	
59		●	●	●			●	●
60		●	●	●	●			
61		●	●	●	●			●
62		●	●	●	●	●		
63		●	●	●	●	●	●	●

地址	● = 拨码开关 闭合 (OFF)							
	开关状态							
	1	2	3	4	5	6	7	8
64		●						
65		●						●
66		●					●	
67		●					●	●
68		●				●		
69		●				●		●
70		●				●	●	
71		●				●	●	●
72		●			●			
73		●			●			●
74		●			●		●	
75		●			●		●	●
76		●			●	●		
77		●			●	●		●
78		●			●	●	●	
79		●			●	●	●	●
80		●		●				
81		●		●				●
82		●		●			●	
83		●		●			●	●
84		●		●		●		
85		●		●		●		●
86		●		●		●	●	
87		●		●		●	●	●
88		●		●	●			
89		●		●	●			●
90		●		●	●		●	
91		●		●	●		●	●
92		●		●	●	●		
93		●		●	●	●		●
94		●		●	●	●	●	
95		●		●	●	●	●	●
96		●	●					
97		●	●					●
98		●	●				●	
99		●	●				●	●
100		●	●			●		
101		●	●			●		●
102		●	●			●	●	
103		●	●			●	●	●
104		●	●		●			
105		●	●		●			●
106		●	●		●		●	
107		●	●		●		●	●
108		●	●		●	●		
109		●	●		●	●		●
110		●	●		●	●	●	
111		●	●		●	●	●	●
112		●	●	●				
113		●	●	●				●
114		●	●	●			●	
115		●	●	●			●	●
116		●	●	●		●		
117		●	●	●		●		●
118		●	●	●		●	●	
119		●	●	●		●	●	●
120		●	●	●	●			
121		●	●	●	●			●
122		●	●	●	●		●	
123		●	●	●	●		●	●
124		●	●	●	●	●		
125		●	●	●	●	●		●
126		●	●	●	●	●	●	
127		●	●	●	●	●	●	●

地址	● = 拨码开关 闭合 (OFF)							
	开关状态							
	1	2	3	4	5	6	7	8
128	●							●
129	●							●
130	●						●	
131	●						●	●
132	●					●		
133	●					●		●
134	●					●	●	
135	●					●	●	●
136	●				●			
137	●				●			●
138	●				●		●	
139	●				●		●	●
140	●				●	●		
141	●				●	●		●
142	●				●	●	●	
143	●				●	●	●	●
144	●			●				
145	●			●				●
146	●			●			●	
147	●			●			●	●
148	●			●		●		
149	●			●		●		●
150	●			●		●	●	
151	●			●		●	●	●
152	●			●	●			
153	●			●	●			●
154	●			●	●		●	
155	●			●	●		●	●
156	●			●	●	●		
157	●			●	●	●		●
158	●			●	●	●	●	
159	●			●	●	●	●	●
160	●			●				
161	●			●				●
162	●			●			●	
163	●			●			●	●
164	●			●		●		
165	●			●		●		●
166	●			●		●	●	
167	●			●		●	●	●
168	●			●		●		
169	●			●		●		●
170	●			●		●		●
171	●			●		●	●	●
172	●			●		●		
173	●			●		●	●	●
174	●			●		●	●	●
175	●			●		●	●	●
176	●			●	●			
177	●			●	●			●
178	●			●	●		●	
179	●			●	●		●	●
180	●			●	●		●	
181	●			●	●		●	●
182	●			●	●		●	●
183	●			●	●		●	●
184	●			●	●	●		
185	●			●	●	●		●
186	●			●	●	●		●
187	●			●	●	●		●
188	●			●	●	●	●	
189	●			●	●	●	●	●
190	●			●	●	●	●	●
191	●			●	●	●	●	●

地址	● = 拨 码 开 关 闭 合 (OFF)							
	开 关 状 态							
	1	2	3	4	5	6	7	8
192	●	●						
193	●	●						●
194	●	●					●	
195	●	●					●	●
196	●	●				●		
197	●	●				●		●
198	●	●				●	●	
199	●	●				●	●	●
200	●	●			●			
201	●	●			●			●
202	●	●			●		●	
203	●	●			●		●	●
204	●	●			●	●		
205	●	●				●		●
206	●	●			●	●	●	
207	●	●			●	●	●	●
208	●	●		●				
209	●	●		●				●
210	●	●		●			●	
211	●	●					●	●
212	●	●		●		●		
213	●	●		●		●		●
214	●	●		●		●	●	
215	●	●		●		●	●	●
216	●	●		●	●			
217	●	●						●
218	●	●		●	●		●	
219	●	●		●	●		●	●
220	●	●		●	●	●		
221	●	●		●	●	●		●
222	●	●		●	●	●	●	
223	●	●		●	●	●	●	●
224	●	●	●					
225	●	●	●					●
226	●	●	●				●	
227	●	●	●				●	●
228	●	●	●			●		
229	●	●	●					●
230	●	●	●			●	●	
231	●	●	●			●	●	●
232	●	●	●		●			
233	●	●	●		●			●
234	●	●	●		●		●	
235	●	●	●				●	●
236	●	●	●		●	●		
237	●	●	●		●	●		●
238	●	●	●		●	●	●	
239	●	●			●	●	●	●
240	●	●	●	●				
241	●	●	●	●				●
242	●	●	●	●			●	
243	●	●	●	●			●	●
244	●	●	●	●		●		
245	●	●	●	●		●		●
246	●	●	●	●		●	●	
247	●	●	●	●		●	●	●
248	●	●	●	●	●			
249	●	●	●	●	●			●
250	●	●	●	●	●		●	
251	●	●	●	●	●		●	●
252	●	●	●	●	●	●		
253	●	●	●	●	●	●	●	●
254	●	●	●	●	●	●	●	
255	●	●	●	●	●	●	●	●