

12.48" E-paper Display WIFI Label User Manual GDP1248RW



Dalian Good Display Co., Ltd.



# **Product Specifications**



Customer	Standard
Description	12.48" E-PAPER WIFI LABEL
Model Name	GDP1248RW1
Date	2023/01/16
Revision	1.0

Design Engineering						
Approval	Check	Design				
宝刘 印玉	燕修 印凤	之吴印良				

Zhongnan Building, No.18, Zhonghua West ST, Ganjingzi DST, Dalian, CHINA

Tel: +86-411-84619565

Email: info@good-display.com

Website: www.good-display.com



# Contents

1.Overview	4
2.Main Parameters	4
3.Drawing	5
4.Operating Steps	6
5.Abnormal Network Connection	8

#### 1. Overview

In order to provide better user experience for our 12.48-inch E-paper, we specially launched this GDP1248RW1 module, which is powered by Type-C and supports firmware updates. Through the ImageToWiFi software, the E-paper display screen can be controlled remotely, and at the same time, the online status of the module can be observed in real time. The module supports one-click update of display data, and can be widely used in billboards, price tags, visitor welcome signs and other fields.

Technical Parameters	Specifications
Model Name	GDP1248RW1
Operating System	Windows7、10
Outline Dimension	280 x 230 x 19mm
Power Supply	Type-C USB Interface
Sample Code	Available
Operating Temperature	0°C ~ 40°C
Functions	To driver E-paper display via WiFi
Additional Function	Show Device WiFi Status

#### 2. Main Parameters



## 3. Drawing



Figure 1 Front Cover-Black 2mm



Figure 2 Back Cover-Black 2mm



## 4.Operating Steps

1.Input voltage is DC5V by Type-C USB interface as shown in figure 3



2. Connect the module to the PC using Type-C USB cable as shown in figure 4



3. Power the device. It is generally recommended that the power supply be above 5V2A. Open the ImageToWiFi software, and the status bar will automatically query the current online status of the device. When the status indicator turns green, it means that the device on the corresponding network segment has been successfully online as shown in Figure 5

Open File   0pen File   192.168.5.     Sun. Mon. Tue. Wed. Thu. Fri. Sat.   201   203     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     122   23   24   25   26   27   28     122   23   24   25   26   27   28   210	1 0R								Network connecti	ons
2018-7   >     2018-7   >     2018-7   >     1   2   3   4   5   6   7     8   9   10   11   12   13   14     15   16   17   18   19   20   21     201   210   210   210   210   210     10   11   12   13   14   15   16   17   18   19   200   210   210   210     10   22   23   24   25   26   27   28   192   188   192   185	olor						Open F	ile	192.168.5.	Connec
201   -   2018-7 →     Sun.   Mon.   Tue.   Wed.   Thu.   Fri.   Sat.     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     192   185   5   192   185   5     10   15   16   17   18   19   20   21     192   185   5   192   185   5   192   185   192 </td <td>and display</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>No. State</td> <td>Choice</td>	and display								No. State	Choice
2018-7   >     Sun.   Mon.   Tue.   Wed.   Thu.   Fri.   Sat.     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     122   23   24   25   26   27   28									201	0
2018-7   2018-7   203     18-7 Friday   Sun. Mon. Tue. Wed. Thu. Fri. Sat.   203     1   2   3   4   5   6   7     8   9   10   11   12   13   14     15   16   17   18   19   20   21     222   23   24   25   26   27   28     192.168.5   192.168.5   192.168.5   192.168.5   192.168.5     192.168.5   192.168.5   192.168.5   192.168.5     192.168.5   192.168.5   192.168.5   192.168.5     192.168.5   192.168.5   192.168.5   192.168.5     192.168.5   192.168.5   192.168.5   192.168.5     193.168.5   194.168.5   194.168.5   194.168.5     194.168.5   194.168.5   194.168.5   194.168.5     194.168.5   194.168.5   194.168.5   194.168.5     194.168.5   194.168.5   194.168.5   194.168.5     195.5   194.168.5   194.168.5   194.168.5     194.168.5   194.168.5<				-	0010				202 🔘	
DAY 18-7 Friday     Sun.     Mon.     Tue.     Wed.     Thu.     Fri.     Sat.       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	$\mathbf{n}$			-	2018	-7 >			203 🌑	0
Sun.     Mon.     Tue.     Wed.     Thu.     Fri.     Sat.       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       192.168.5     192.168.5     192.168.5     192.168.5     192.168.5       192.168.5     192.168.5     192.168.5     192.168.5     192.168.5	U DAY								204	۲
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     122   23   24   25   26   27   28	7 Eriday	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	205 🔘	0
1   2   3   4   5   6   7     8   9   10   11   12   13   14     15   16   17   18   19   20   21     19   22   23   24   25   26   27   28     122   23   24   25   26   27   28   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   192   185   185   192   185   192   185   185   192   185   185   192   185   185   192   185   185   182   185   185   182   185   182   185   182   185   182   185   182   185   182   185   182 <td>-7 Fliday</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>206</td> <td></td>	-7 Fliday								206	
8     9     10     11     12     13     14       15     16     17     18     19     20     21       12     23     24     25     26     27     28       192     185     5     192     185     5       192     185     5     192     185     5		1	2	3	4	5	6	1	207 🔘	O
8   9   10   11   12   13   14     15   16   17   18   19   20   21     12   23   24   25   26   27   28   192.168.5.     192.168.5   192.168.5   192.168.5   192.168.5   192.168.5   192.168.5     192.168.5   192.168.5   192.168.5   192.168.5   192.168.5									208 🍈	Ö
15     16     17     18     19     20     21       19     22     23     24     25     26     27     28     192.168.5.       192.168.5     192.168.5     192.168.5     192.168.5     192.168.5     192.168.5       192.168.5     192.168.5     192.168.5     192.168.5     192.168.5		8	9	10	11	12	13	14	209 🌑	0
15     16     17     18     19     20     21       192.168.5     192.168.5     192.168.5     192.168.5     192.168.5     192.168.5       22     23     24     25     26     27     28     192.168.5       192.168.5     192.168.5     192.168.5     192.168.5     192.168.5									210 🔘	0
22 23 24 25 26 27 28 192, 188 5 192, 188 5 192, 188 5 192, 188 5 192, 188 5 192, 188 5		15	16	17	18	19	20	21	192 168 5	
22 23 24 25 26 27 28 192.168 5. 192.168 5. 192.168 5.			2.5		1200	100			192. 168. 5.	
192 168 5		22	23	24	25	26	27	28	192. 168. 5. 192. 168. 5.	
132, 135, 5									192.168.5.	
<b>29 30 31</b> 192, 168, 5, 192, 192, 168, 5, 192, 192, 168, 5, 192, 192, 168, 5, 192, 192, 168, 5, 192, 192, 102, 102, 102, 102, 102, 102, 102, 10		29	30	31					192. 168. 5.	
12 48" loss size a secondicator a Deflection 192, 168, 5.		. 12	10" loss			lantau			192, 168, 5,	
Low power consumption Wide angle view Network normal		• Lov	o larg	e size e	paper of pation	• Wi	de anole	ection view	Network normal!	1
D DISPLAY . Keep displaying the last content when power down	DISPLAY	• Kee	p displa	ying the	last con	tent whe	n power	down	Network normal!	
Network hormal									Network normal!	

Figure 5

4. Select the IP number to be sent and click "Connect". If the data transmission is normal, the information column on the left will display the current data transmission progress. When the data transmission is completed, the software will display "Data Send is OK!" as shown in the figure 6 shown

Mode selection					1			Network	connecti	ons
● UC ○ SSD 3=Color						Open F	ile	192.1	68.5.	Conne
Load image and displ	av							N	State	Choic
and mage and maje	-							20	1	0
								20	12 🔘	Ø
20			-	2018	-7 >			20	)3 🔵	0
	DAY							20	14	0
	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	20	)5 🔘	0
2018-7 Frida	ay							20	6	0
	1	2	з	4	5	6	7	20	77	Ō
								20	)8 🌰	Ø
	8	9	10	11	12	13	14	20	)9 🍈	0
								2	0 0	0
	15	16	17	18	19	20	21	Data au	-1.4.9	
								Data co	mplete:8	BX
	22	23	24	25	26	27	28	Data con Data con	nplete:9	D% 1%
								Data co	nplete:9	3%
	29	30	31					Data co Data co	aplete:9 molete:9	4% 5%
					1000	0.02702	0.012100	Data co	nplete 9	7%
	• 12.	48 larg	e size e	-paper d	isplay . Wi	• Refl	ection	Data co Data co	nplete:9	5% 3%
GOOD DISPLAY	· Kee	ponol ispla	ying the	alast con	tent whe	n power	down	Data cor	nplete:10	20%
								Data Ser	nd is UK	

Figure 6

# **5. Abnormal Network Connection**

Abnormal	Solution				
The local IP address cannot be found	the local computer is not connected to the network				
The remote device cannot be found	The device WiFi account, password, and IP address are filled incorrectly				
	The power supply of the device is insufficient				
	If the device is offline, you need to click the "Clean" button to re-scan the online IP status				