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I. Preface

This program is intended for upgrading the Firmware of PiXORD product, so you can easily use the program to get the latest version.
II. Setup

2-1 Start setup.exe file to begin setting up. The following welcome information will be displayed, click “Next” to continue.

2-2 Read the End User License Agreement first, if you accept the clauses therein, click “Next” to continue.
2-3 Then click “Next” to continue. When setup is complete, click “Finish”, the program will start automatically, or you can chose to start it by yourself by checking off “Launch Firmware Upgrade Tools”.

![Image of the InstallShield Wizard window with an option to launch Firmware Upgrade Tools]
III. Use upgrading program

3-1 Start upgrading program:

■ Choose “Start” menu > Programs > PiXORD corporation > Firmware Upgrade Tools > Firmware Upgrade Tools

3-2 We need to know the IP data of your software before upgrading, you can choose to directly search the device to find IP for upgrading every time, if so you can directly jump to 3-3; you can also establish database at first to facilitate later direct access, this is more suitable to you if you seldom change your product IP.

3-2-1 Establish database Method I:

■ Check (Search device) to search the product network IP that is already activated. After searching, the list in the below will give the details, which is similar to the following.

(Note: If you need to carry out another search, first click the
database, then click search device)

■ Then, there will be the 全加入 (Add all) at the lower left corner, by clicking it, the search result will be moved to the list in the below. If you want to delete the IP data, simply select one item and left click on it, the following view will appear. To delete it, click OK, otherwise click Cancel.

![Delete confirmation dialog](image)

■ At last, if you confirm the list contains all data you need, Click 写入資料庫 (Write in database), the database will assist you write in the IP data.

(Note: repeated IP can not be re-written in unless you manually delete the original IP data in the database to allow writing in new data)

3-2-2 Establish database Method II:

■ How to set or modify the database manually. Press "Configuration > database" in the Tool bar, the details of the database is listed in the left, blank stands for no data; you can check the detail about one item of IP data in the right side (add, modify, save, delete can all be set here)

增加 (Add): Add a new item of data, you must enter IP, name, Port, Account and Password, then select Save or Cancel.

储存 (Save): Save new or modified data.

取消 (Cancel): You can cancel the setting if you think it is wrongly set or your operation is incorrect.

修改 (Modify): Modification can only be executed when there is data is the left, you can select Save or Cancel after modification.

删除 (Delete): Deletion can only be executed when there
is data in the left, and then there will be a dialog box for you to confirm the deletion.

3-3 Program:

(Every time you enter into this program, it will first read data in the database; if the user has not set database yet, it will show no data.)

■ If you have not set database yet, press Search Device to find; If you have, both options will appear, similar to the following view:

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>IP</th>
<th>Port</th>
<th>User</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>192.168.2.199</td>
<td>80</td>
<td>root</td>
<td>pass</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>192.168.2.193</td>
<td>80</td>
<td>root</td>
<td>pass</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>192.168.2.253</td>
<td>9998</td>
<td>root</td>
<td>pass</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>192.168.2.107</td>
<td>80</td>
<td>root</td>
<td>pass</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>192.168.2.124</td>
<td>80</td>
<td>root</td>
<td>pass</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>192.168.2.102</td>
<td>80</td>
<td>root</td>
<td>pass</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>192.168.2.192</td>
<td>80</td>
<td>root</td>
<td>pass</td>
</tr>
</tbody>
</table>

(備選資料庫) below the list has the function of reading database.

■ Then, select one item of IP data in the list and left click it, the data will be moved into the list in the below, this IP is what we will upgrade.

(Note: It is recommended the model to which the IP pertaining should be the same, for example, if you want to upgrade P262, it is ok to move the IP for P262 into the lower list other than the else models, otherwise, errors in upgrade will happen to other models during upgrading P262 version.)

If you want to move all data to the lower list, click 全加入 (Add all).

■ If you want to delete the IP data in the lower list, simply select one item and left click on it, the view for your confirmation will appear. To delete it, click OK, otherwise click
Cancel.
If you want delete all data, click 全删除 (Delete all).

3-4 Open file to upgrade firmware:

- Open the folder where you store flash.bin, if the folder contains the file, it will show what is similar to the part that in the left red frame in the following image. If not, it leaves blank.

- Then click Start upgrade, the system begin upgrading firmware (as far as the version is different, the upgrade will succeed), the red square in the right in the upper image shows the version and edition. (Ori) stands for the old edition. (New) stands for the edition after upgrade. The bar chart in the lower right side represents for the processing progress.

- After all firmware upgrade is completed, the processing result will display, showing you how many sets are completed.
If the IP upgrades firmware successfully, the State will show Success, if not, it has the following possibilities:

- Same edition: State shows Fail
- Different editions: State shows Wrong Firm
- Out of connection: State shows dead
- Login error: State shows Login Err.

In addition, if you right click on the processed item of data, either pent data other right click, it will ask if you want to view in the browser.
IV. Other Functions

4-1 Language:

■ Three kinds of language are provided: English, Traditional Chinese and simplified Chinese.

4-2 Version:

■ Press Version in the Tool bar to check the version of Firmware Upgrade Tools.

4-3 Exit:

■ Press Exit of the Tool bar to shut off the window and exit the program.