# **MP-6100**

## **User's Manual**

Edition 1.01 2025/01/09



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# Packing List:

## Hardware:

MP-6100 Mini-PCI Capture Card x1

Cable kit:

Video Cable





4-ch BNC Cable x 1 (OALBNCE4)

D-SUB 9 Cable x 1 (OALDB9-H15)

Audio Cable (option)





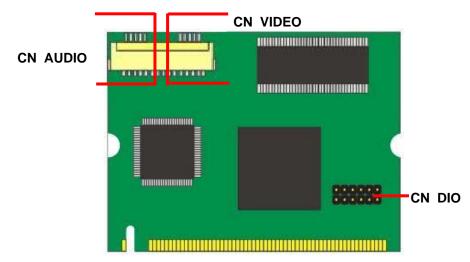
Audio Cable x 1 (option) (OALDB9-AUD4)

Dual DB9 Cable x 1 (option) (OAL2DB9-H15)

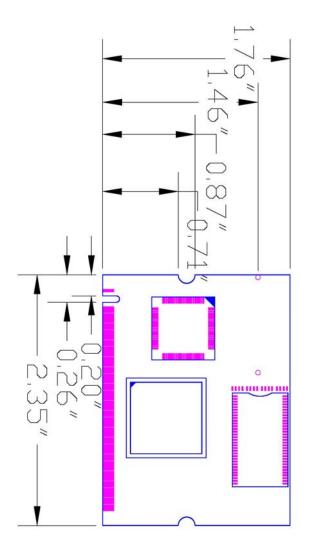
## 1.0 < Product Specification >

| <b>General Specifica</b> | tion  |  |
|--------------------------|---|--|
| Form Factor              | Mini-PCI Type-III B   |  |
| Compression Format       | H.264 Hardware compression technology   |  |
| Cable kit                | <ul> <li>1 x 15-pin hirose to D-sub 9 Cable</li> <li>1 x D-sub 9 to 4 x BNC connector Cable</li> <li>1 x 15-pin hirose to Dual D-sub 9 Cable(option)-Audio</li> <li>1 x D-sub 9 to 4 channel Audio Cable(option)-Audio</li> </ul> |  |
| Features                 | Display Rate:<br>1-ch : Approx 30 fps / D1 resolution<br>4-ch : Approx 120 fps / CIF resolution<br>Recording Rate:<br>1-ch : Approx 30 fps / D1 resolution<br>4-ch : Approx 120 fps / CIF resolution                              |  |
| GPIO                     | 8-bit GPIO interface  |  |
| OS Support               | Windows XP , Linux ( Ubuntu 8.04 or Kernal 2.6.27 )   |  |
| Software                 | Windows SDK ( Directshow support ) , Linux SDK ,<br>Network Streaming SDK   |  |
| Dimensions (L x W)       | 59.75mm x 44.6mm  |  |

## 1.1 <Component Placement>



## 1.2 < Mechanical Drawing>



## 1.3 <Connector Reference>

Connector: CN\_AV

Type: DF14-15S-1.25C Hirose



| Pin | Description | Pin | Description |  |
|-----|-------------|-----|-------------|--|
| 1   | Video1      | 2   | GND         |  |
| 3   | Video2      | 4   | GND         |  |
| 5   | Video3      | 6   | GND         |  |
| 7   | Video4      | 8   | GND         |  |
| 9   | Audio1      | 10  | GND         |  |
| 11  | Audio2      | 12  | GND         |  |
| 13  | Audio3      | 14  | GND         |  |
| 15  | Audio4      |     |             |  |

## 1.4 <Driver Setting>

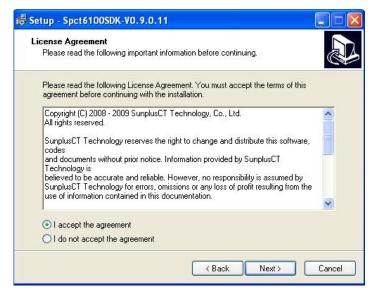
1. Insert the driver CD into your system's CD-ROM to Set up MP-6100E Spct6100\_Directshow\_SDK\_V0.9.0.11.exe.

(E:/Driver/MP-6100E/Windows/Spct6100\_Directshow\_SDK\_V0.9.0.11.exe) Please select "Next" to continue.

| 👹 Setup - Spct6100SDK-V | 0.9.0.11  |
|-------------------------|---|
|                         | Welcome to the<br>Spct6100SDK-V0.9.0.11 Setup<br>Wizard<br>This will install Spct6100SDK-V0.9.0.11 on your computer.<br>It is recommended that you close all other applications before<br>continuing.<br>Click Next to continue, or Cancel to exit Setup. |
|                         | Next > Cancel   |

2. Please read the following License Agreement. Press the Page Down key to

see the rest of agreement and click "Next" to continue the installation.



#### 3. Please select file location. Then, click "Next".

| 🖟 Setup - Spct6100SDK-V0.9.0.11  |        |
|--|--------|
| Select Destination Location<br>Where should Spct6100SDK-V0.9.0.11 be installed?        |        |
| Setup will install Spct6100SDK-V0.9.0.11 into the following folder.                    |        |
| To continue, click Next. If you would like to select a different folder, click Browse. |        |
| C:\SunplusCT\Spct6100SDK-V0.9.0.11 Brow  | se     |
| At least 10.8 MB of free disk space is required.                                       |        |
| < Back Next >  | Cancel |

## 4. Please select "Next" in this page.

| i帚 Setup - Spct6100SDK-V0.9.0.11  |        |
|---|--------|
| Select Additional Tasks<br>Which additional tasks should be performed?  |        |
| Select the additional tasks you would like Setup to perform while installing<br>Spct6100SDK-V0.9.0.11, then click Next. |        |
| Additional icons:   |        |
| 🔽 Create a desktop icon   |        |
|   |        |
|   |        |
|   |        |
|   |        |
|   |        |
|   |        |
|   |        |
| <pre></pre>   | Cancel |
|   |        |

### 5. Please select "Install" in this page.

| 🕞 Setup - Spct6100SDK-V0.9.0.11   |        |
|---|--------|
| Ready to Install<br>Setup is now ready to begin installing Spct6100SDK-V0.3.0.11 on your computer.                              |        |
| Click Install to continue with the installation, or click Back if you want to review or<br>change any settings.                 |        |
| Destination location:<br>G:\SunplusCT\Spct6100SDK-\V0.9.0.11<br>Additional tasks:<br>Additional icons:<br>Create a desktop icon | ×      |
| K Back Install  | Cancel |

#### MP-6100 User's manual

#### 6. Please Click "Continue Anyway", when you see the following message.



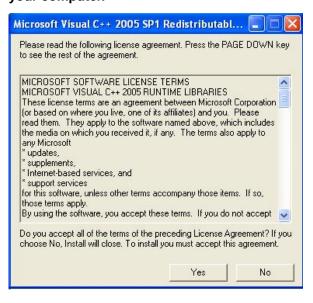
#### 7. Please Click "Continue Anyway", when you see the following message.

| Insta<br>Pli Hardv | vare Installation  |
|--------------------|--|
|                    | The software you are installing for this hardware:<br>SPCT6100DVR_DEV1   |
|                    | has not passed Windows Logo testing to verify its compatibility<br>with Windows XP. ( <u>Tell me why this testing is important.</u> )<br>Continuing your installation of this software may impair<br>or destabilize the correct operation of your system<br>either immediately or in the future. Microsoft strongly<br>recommends that you stop this installation now and<br>contact the hardware vendor for software that has<br>passed Windows Logo testing. |
|                    | Continue Anyway STOP Installation  |

#### 8. Please click "Finish" to complete the installation.



9. Please click "Yes" to complete the installation and restart Windows or your computer.



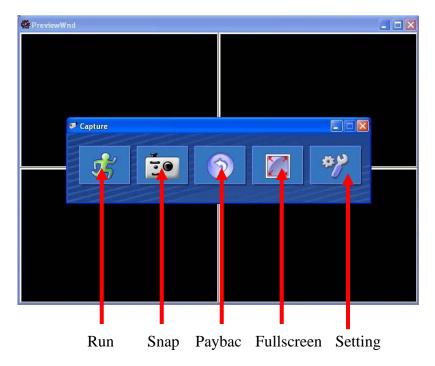
## 1.5 <Sample Program>

1. When you completed hardware & software installation, you can use COMMELL "Surveillance-V0.9.0.11" sample program to test.

(You can find Surveillance-V0.9.0.11.exe on desktop.)



2. Please double –click "Surveillance-V0.9.0.11.exe", It'll pops up as following. Then Please Push "Run" on the Menu.



## **Contact Information**

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

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