Vivitek Interactive Installation Overview
Pen and Finger Touch Modes
Interactive Functionality

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Interactive Functionality

Pen Mode Installation
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Accessories: In-The-Box Items

Standard items

Interactive Pen

USB Cable
(Black Colored)

Documentation Kit
Step 1: Install D-Point 2 Driver

Locate driver and follow instructions for installation.

Note: D-Point 2's driver version is: 2.2.2.1

Follow the D-Point 2 setup instructions to complete installation.

Select required language and click "Ok".

Select Setup Language

Select the language to use during the installation:

- English

OK Cancel
Step 2: Complete Installation

D-Point 2 icon will be created on the desktop. Installation folder will be created on C: directory.

Enable D-Point Driver from the PC’s Desktop: 2 methods

- Method 1: Desktop
- Method 2: Start-up Menu

Note:

Upon starting D-Point 2, the configuration window will appear on the desktop to assist in setting up the D-Point 2 configuration.
Step 3: Connecting Projector to PC

Connect the Projector to a PC via the supplied USB cable. Plug the mini-USB cable into Projector's mini-USB port and the other end to the PC.

Note: Once USB cable has been connected, confirm that the PC's driver and projector have has been successfully installed.
Setting Up D-Point 2 with Interactive Pen

Step 4-1: Configuration Settings

1. Choose “Pen Mode”  ➔  2. Choose Configuration Settings
Setting Up D-Point 2 with Interactive Pen

Step 4-2: Configuration Settings

1. Projector Model
   • Choose “Ultra Short Throw Model”

2. Choose Option
   • Ceiling Mount Mode
     
     Note: If projector is placed on the table, do not choose this item.

3. Choose Language
   • If language setting is changed, just restart D-Point 2 for settings to change.
Setting Up D-Point 2 with Interactive Pen

Step 4-3: Configuration Settings

1. Choose Alignment View
2. Confirm if the projection screen is within the camera’s projected area
   - Note: Alignment View helps visually verify that the IR camera's view is aligned within the projector's projection coverage.
3. Click “Ok”
4. Choose “Next”
1. Choose Calibration (2 choices)
   a) Auto (Suggested)
   b) Manual

Note: There are 16 calibration points.

Make sure the touch point is directly aligned in the middle of the calibration point. Otherwise, it may not be positioned correctly.

Note: Auto calibrations take a few seconds.

Note: There are 16 calibration points.
Setting Up D-Point 2 with Interactive Pen

Step 5-1: Confirmation

Confirm If Successful Installed and Working
1. Open the i-Draw software

Note: Use the pen to write on the board to see if the calibration was successful setup.

Note: Choose Run i-Draw from the quick access menu (in Window’s system tray) to run the program.
Setting Up D-Point 2 with Interactive Pen

Step 5-2: Confirmation

Simply start writing with the Interactive Pen to test the accuracy and annotation response time.
Interactive Functionality

Finger Touch Mode Installation (DT01/DT02)
Accessories: In-The-Box Items

Standard items

- Laser Module w/Cover
- Pen (x2)
- Mini-USB Cable
- Alignment Masks (x2)
- Hex Key (x2)
- Double Sided Tape
Setting Up DT01/DT02 with Finger Touch

Module Overview

Control 1:
- If turning the Control Knob 1 to the left (counter clockwise), the bottom side of the laser curtain will move up.
- If turning the Control Knob 1 to the right (clockwise), the bottom side of the laser curtain will move down.

Control 2:
- If turning the Control Knob 2 to the left (counter clockwise), the left side of the laser curtain will move up.
- If turning the Control Knob 2 to the right (clockwise), the left side of the laser curtain will move down.

Control 3:
- If turning the Control Knob 3 to the left (counter clockwise), the right side of the laser curtain will move up.
- If turning the Control Knob 3 to the right (clockwise), the right side of the laser curtain will move down.

Laser Curtain Alignment Principles

Control 1:
- Turning right (clockwise), the bottom side of the laser curtain will move up.
- Turning left (counter clockwise), the bottom side of the laser curtain will move down.

Control 2:
- Turning right (clockwise), the left side of the laser curtain will move down.
- Turning left (counter clockwise), the left side of the laser curtain will move up.

Control 3:
- Turning right (clockwise), the left side of the laser curtain will move down.
- Turning left (counter clockwise), the left side of the laser curtain will move up.
Step 1: Finger Touch Kit Installation

Note:
The Finger Touch Module can be used on an existing wall or whiteboard. Ideally the Finger Touch Module should be used with a whiteboard. The projection surface should be completely flat and free of protrusions.

Wall Installation

Whiteboard Installation

* Place the laser curtain between 5cm to 10cm between the module and projection surface. 7cm is recommended.

50mm - 10mm
* 70mm is recommended
Step 2: Methods of Powering the DT01/DT02

**Method 1** (Recommended)
Use the supplied USB cable to connect the DT01/DT02 to the projector’s USB Type A port.

**Method 2**
Use the supplied USB cable to connect the DT01/DT02 to the PC’s USB port.

**Method 3**
Use the supplied USB cable to connect the DT01/DT02 to a Power Socket. (Requires 5V USB Power Adaptor (Not supplied))
Setting Up DT01/DT02 with Finger Touch

Step 3-1: Configuration Settings

1. Choose Pen Mode
2. Choose Configuration Settings
Setting Up DT01/DT02 with Finger Touch

Step 3-2: Configuration Settings

1. **Choose Projector Type**
   - Choose Ultra-short Throw

2. **Choose Option**
   - Ceiling Mount Mode
     
     *Note: If projector is placed on the table, do not choose this item.*

3. **Choose Language**
   - If language setting is changed, just restart D-Point 2 for settings to change.
Setting Up DT01/DT02 with Finger Touch

Step 4-3 : Configuration Settings

1. Choose Alignment View
2. Confirm if the projection screen is within the camera’s projected area
   • Note: Alignment View helps visually verify that the IR camera's view is aligned within the projector's projection coverage.
3. Click “Ok”
4. Choose “Next”
5. Alignment Masks placement

Make sure that the white marks are facing inside
Setting Up DT01/DT02 with Finger Touch

Step 4-4: Alignment Settings

**Action 1-1**
- Use **Control 1** to adjust the Laser Reflecting Light so that the light is moved off the screen. Example: Action 2 Photo

**Possible Situation 1**

**Possible Situation 2**

View after turning on Laser Screen
- Use **Controls 2 and 3** to adjust the Laser Reflecting Light so that two white dots appear (Alignment bar’s left and right reflectors) on the top left and right corners. Example: Action 3 Photo

**Action 2**

**Action 3**
- Use **Controls 2 and 3** to adjust the Laser Reflecting Light so that only two white dots appear (Alignment bar’s left and right reflectors) on the top left and right corners. Example: Action 4 Photo

**Action 4**
- Use **Controls 2 and 3** to adjust the Laser Reflecting Light so that only one white dot appears (Alignment bar’s centered reflector) on the top left and right corners. Example: Action 5 Photo

**Action 5**
- Laser curtain is now ready for Auto Calibration. Choose Ok to proceed to the next stage.

Note: Remove the Alignment Bars (x2) before choosing Auto Calibration.
Chose Auto Calibration
1. Auto

Note: Auto calibration takes several seconds.
Confirm If Successful Installed and Working

1. Choose Finger Touch Mode
2. Run the i-Draw software

Choose Finger Touch Mode

Run i-Draw

Note: In order to see if calibration was successful setup, use the pen to write with in i-Draw.

Note: Choose Run i-Draw from the quick access men (in Window's system tray) to run the program.
Setting Up DT01/DT02 with Finger Touch

Step 4-7: Confirmation

Simply start writing with the Interactive Pen or Finger to test the accuracy and annotation response time.
Vivid Color, Vivid Life