Installation Guide

FOCUS AMPLUS Co., Ltd. Ver 1 2023/5/23

Content

- P1 Safety Guidelines
- P2 Check accessories
- P2 Required Tools
- P3 Installation Layout
- P4 PC
- P4 Power Supply
- P5 Installation procedure
- P9 Installation of projector

AMPLUS



Installation Guide



FOCUS-V3-S

Safety Guidelines

Please read the following before use. Failure to follow the instructions could result in serious injury, property damage and/or void the device warranty.

All Installations Should Be Performed By A Licensed Contractor

All installation work described in this guide should be performed by licensed contractors. Improper installation may result in personal injury, property damage, and void any product warranty. The installation work should be performed by at least two (2) qualified installers.

FOCUS Ceiling Mount Precautions

 The ceiling bracket is designed specifically for mounting a FOCUS to a ceiling. Do NOT attempt to mount additional items to the provided mount, as the additional weight may result in damage and/or failure.
Do NOT install the ceiling bracket in a location where vibration or impact shock may occur. This may result in damage to or failure of the mount.

3) Prior to installing the ceiling bracket, make sure the ceiling area is strong enough to hold the FOCUS and ceiling bracket and projector. If the ceiling area is not strong enough, reinforce the area prior to installation.4) Never modify the ceiling bracket, assembly components, projector, or FOCUS.

5) Do NOT install the ceiling mount and FOCUS and projector in a location where the operating temperature for the FOCUS may be exceeded. Excessive temperatures may damage the FOCUS. Install the ceiling bracket in a place free from excessive dust and humidity to prevent the lens or optical components of the FOCUS from becoming clouded or dirty.

6) Do not use excessive force when adjusting the ceiling bracket or FOCUS or projector.

Components

1) Handle and install the power cord carefully. Incorrect installation may result fire or electric shock. Observe the following precautions when installing:

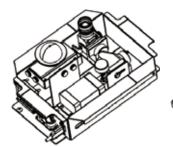
- Do not handle any electrical components with wet hands.
- Do not use a power cord that appears to be damaged or modified.
- 2) Tighten all screws firmly after installation and final adjustment.
 - Do NOT use adhesives, lubricants, or oils to install and/or adjust the ceiling bracket.
 - Do NOT loosen the screws after installation.

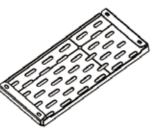
• When performing electrical installation, make sure that no wiring comes into contact with mounting or assembly screws.

Check accessories Please check the attached parts first before installation









Top cover x 1

Frame × 1

FOCUS ×1

Ceiling bracket ×1



Power Supply ×1

USB Cable ×2



HUB ×1



knurled screw ×2



Calibration board x 1

PLEASE NOTE: This installation package does NOT include screws for securing theFOCUS mount into the ceiling. Selected installation screws must be able to support a minimum of 50 lbs. Types of screws may vary depending on ceiling material. Consult your carpenter for the right choice of screws.

Required Tools



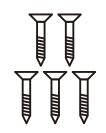
Impact screwdriver

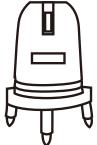
f	
$\overline{\mathbb{N}}$	

not less than

3 inch

-2-





Laser marking device (Optional)

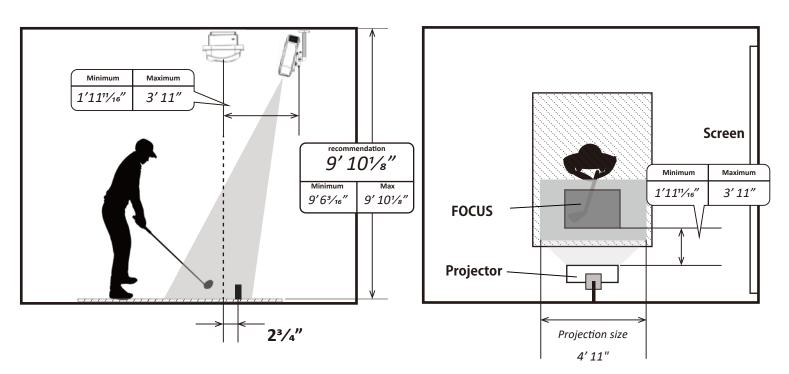
phillips screwdriver

Screws for ceiling ×5

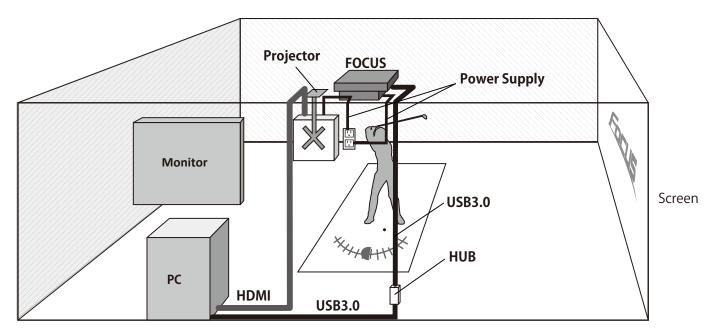
Installation Layout

BACK VIEW

TOP VIEW

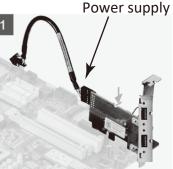


Wiring Layout



- Plug the USB cable into the USB hub and plug it in the 3.0 port on the PC.
- FOCUS is recommended to be installed at a height approximately 9' 10¹/₈" feet from the surface of the shot mat.





If you intend to use more than one USB-powered device on the same PC, we recommend adding a USB 3.0 to PCI Express x1 Gen 2 Host Card.

When adding more host cards, do not forget to connect them to the power supply inside the PC. If the power supply supplied with the main unit interferes with the graphics board or other components, please use a SATA cable of a different type.



SATA Cable

Power Supply

• There is no power switch on FOCUS. Unplug FOCUS after use.

It is recommended to using a power strip with shut off switch or using a wireless remote control outlet power strip. (Sold separately)

• The power cord included with this device is an integral part of the FOCUS main unit and is not universal.

Never use it with other electrical equipment.

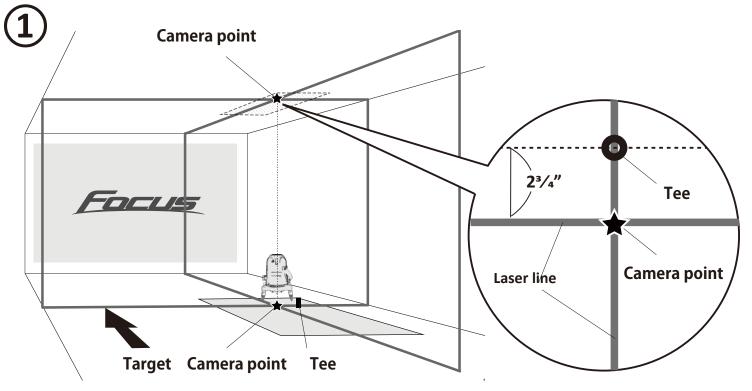






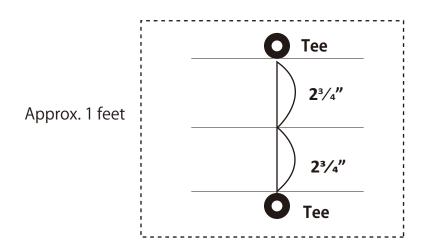
Installation procedure

Please refer to the pre-installation checklist and safety guidelines before proceeding.



Identify camera points with a laser marker.

The FOCUS should be placed so that the center of the camera is $2^{3}/4^{"}$ below the tee. Therefore, a laser marker is used to locate the exact camerapoint.

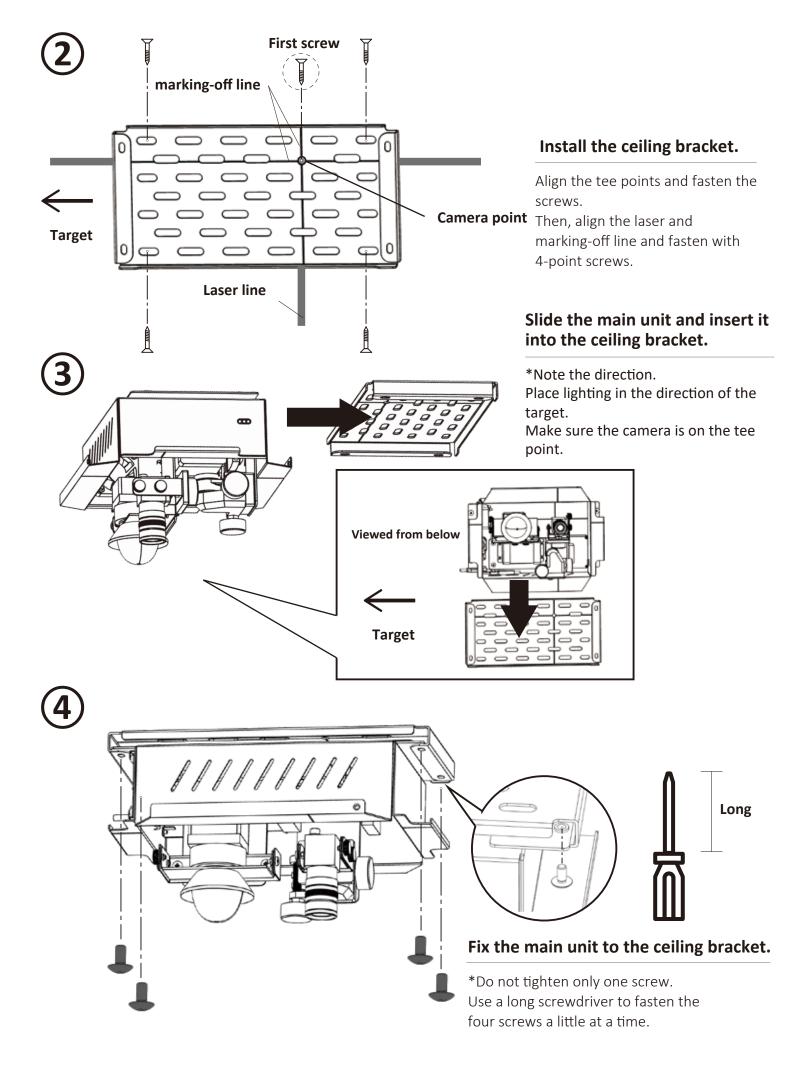


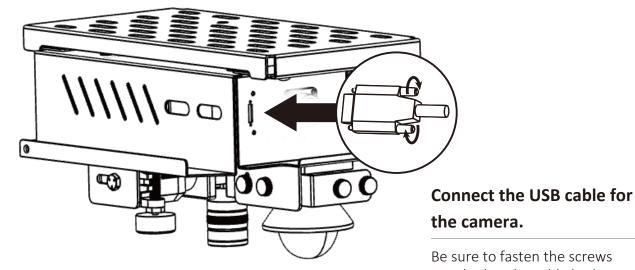
Approx. 2 feet

About the area of camera

The range that FOCUS can capture is shown in the figure on the left.

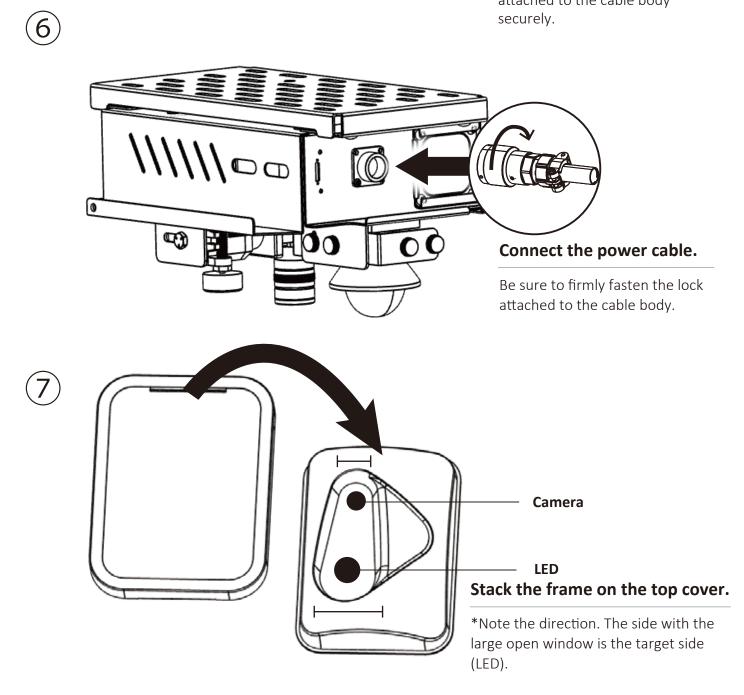
For left and right-handed range, it is recommended to position the tees as shown in the diagram on the left.

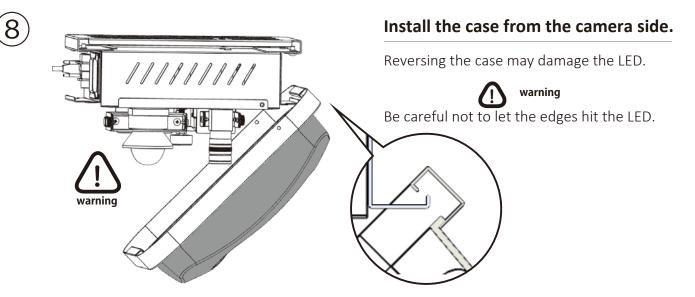


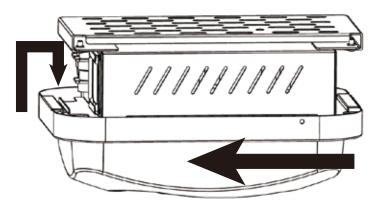


5

attached to the cable body securely.







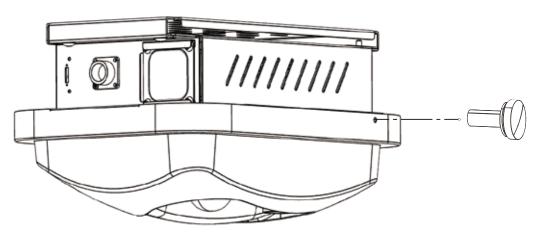
9

10

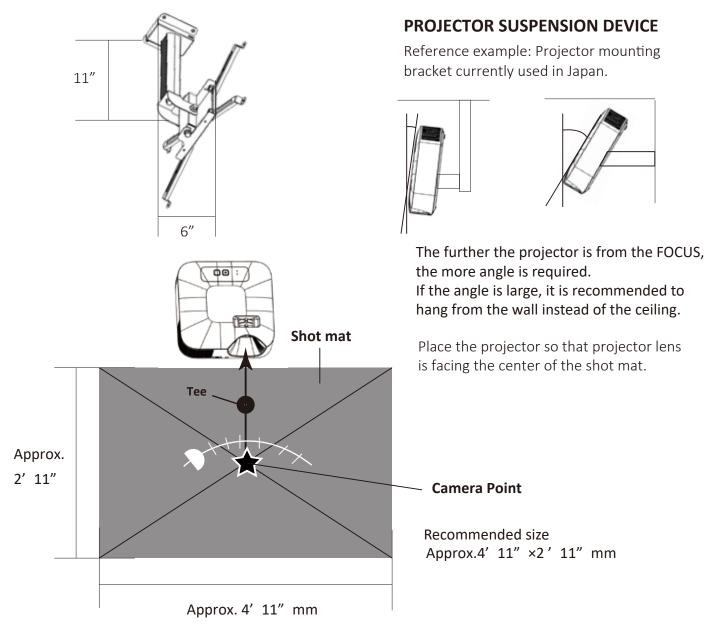
Pull it over to the LED side once.

After hanging the camera side of the cover to the corresponding side of the handle on the main unit, slide the cover to the LED direction for an easier placement.

Then, secure the frame to the main unit with 2 knurled screws to prevent it from falling.



Installation of projector



Projector setup

For FOCUS to accurately perform the projection mapping, it is necessary to understand that;

- the aspect ratio of the projector is set to 16:9
- · the projector has a correct keystone adjusted for the projected image
- the projector mounting bracket allows projector to be tilted for the projector calibration
- for the size of the image of the projection mapping, the width of the projected image is approximately the same for the width of the shot mat.
- the height of the ceiling to which the projector is to be mounted matches the throw-distance available in a given projector.