AETEK

C42-050-30-A bt Ceiling PoE Switch
C42-050-30-B bt Ceiling PoE Switch
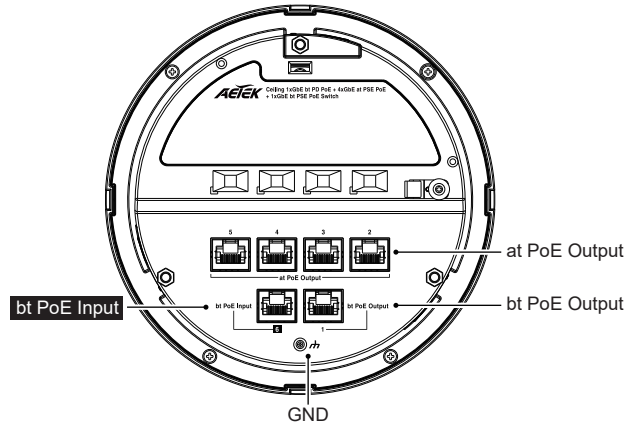## Quick Installation Guide

P/N: 5019032602

PACKAGE CONTENTS

* 1x PoE switch	* 1x Quick Installation Guide

CONNECTION

C42-050-30-A

PWR LED
PD Port
LAN LED
PoE LED
Reset

at PoE Output
bt PoE Input
bt PoE Output
GND

C42-050-30-B

PWR LED
24V LED
12V LED
PD Port
LAN LED
PoE LED
Reset

24VDC Output
12VDC Output
at PoE Output
bt PoE Input
bt PoE Output
GND
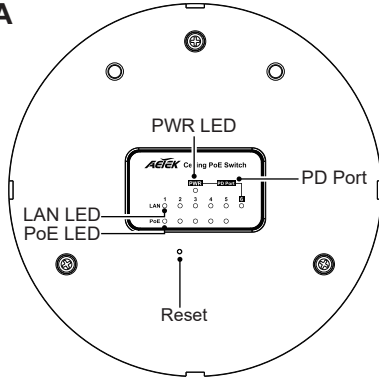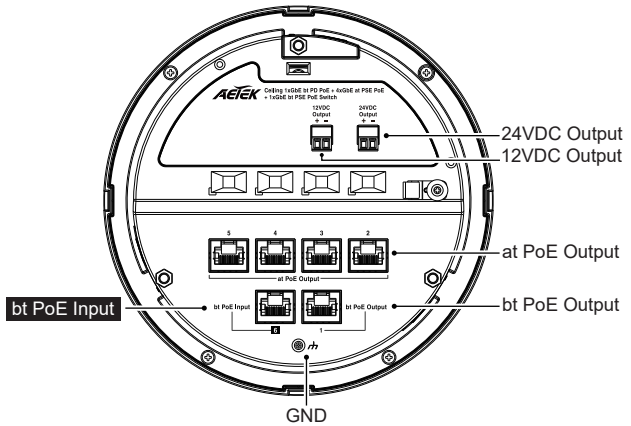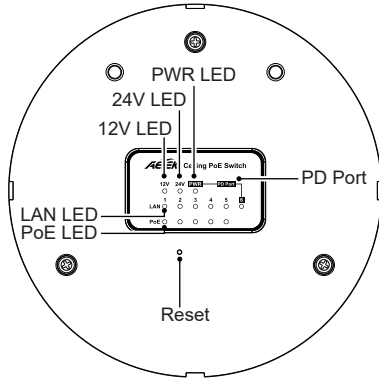
LED DEFINITIONS

Power	Amber ON	The Power LED lights up when the switch is connected to a power source.
LAN	Green ON	Port is enabled and link established.
	Grren Blinking	Port is transmitting and receiving data.
PoE	Amber ON	Indicates the PoE powered device (PD) is connected and the port supplies power successfully.
	Amber Off	Indicates no powered device (PD) connected.
12V (C42-050-30-B only)	Amber ON	Have output 12VDC power.
24V (C42-050-30-B only)	Amber ON	Have output 24VDC power.

Application

C42-050-30-A / C42-050-30-B

Wifi AP
Camera
Wifi AP
Camera
Sensor
Network Speaker
Sensor
Network Speaker

C42-044-91-380
90W bt PoE Switch

C42-050-30-B
C42-050-30-A

PoE (Data + Power)
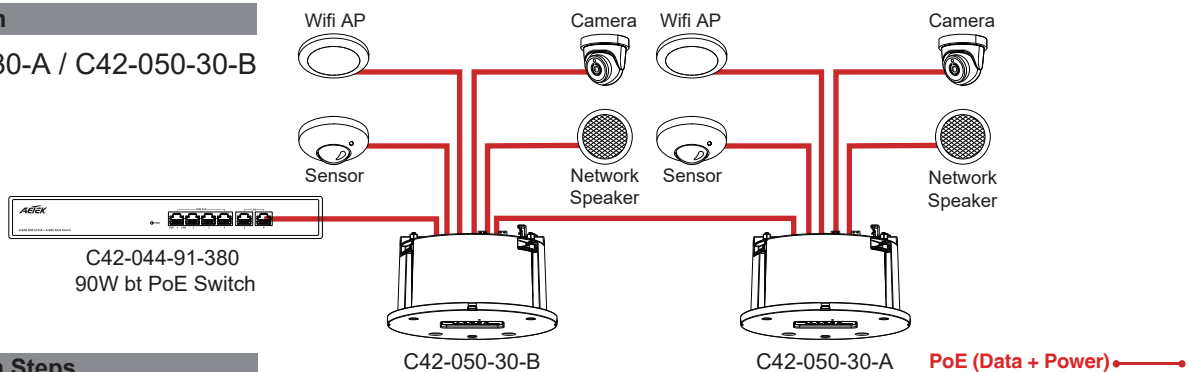
Installation Steps

C42-050-30-A / C42-050-30-B

Installed on the system ceiling

1. Attach the ceiling mount bracket to plasterboard, etc.

● It is recommended to add the fastening screw to the hole size of the ceiling, turn it with a screwdriver to install it.
  The ceiling thickness that can be connected with the clamping bracket is from 5 to 45 mm.

● The recommended screw torque is 7kgf-cm±3.

● Install on the ceiling with sufficient strength.

● If you have to install it on rock wool ceiling and other weak ceiling panels, please provide enough reinforcement.

● The recommended ceiling opening size is φ150mm.

● The recommended minimum space (height) for ceiling switch installation is 140mm (For Installation and CAT5/6 cable routing.)

C42-050-30-A / C42-050-30-B

Step 1

φ150mm

Ceiling Hole Template Sticker
150mm

Ceiling Hole Template Sticker
150mm

Use the ceiling hole template sticker
to dig a hole on the ceiling.

Step 2

Step 3

φ150mm

Step 4

φ150mm

Recommend hole size
for mounting ceiling PoE switch
is φ150 mm.

Step 5

φ150mm

LAN

Connect LAN cable to
ceiling PoE switch.

Step 6

φ150mm

12V / 24V
DI / DO

Connect 12V / 24V cable to
ceiling PoE switch.
(C42-050-30-B only)

Step 7

140mm

5~45mm

Push up ceiling PoE switch to
the ceiling hole.

Step 8

140mm

Use a flathead screwdriver to installing
Turn right to lock.
(Turn left release)

Step 9

140mm

Attach cover to
ceiling PoE switch.

Aligh the triangle markings on the cover and
the ceiling switch to snap the cover on the switch.

After installing this product on the ceiling, install the included panel.
Pay attention to the installation direction, align the groove with the notch on the panel
and install it correctly.
●Remove the panel with a flat-head screwdriver.