VC-A20P Quick Installation Guide
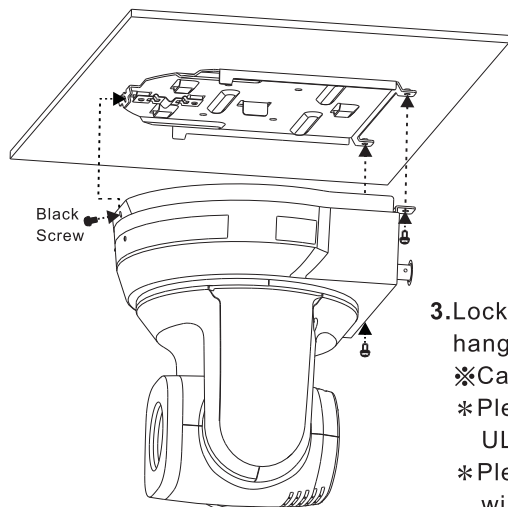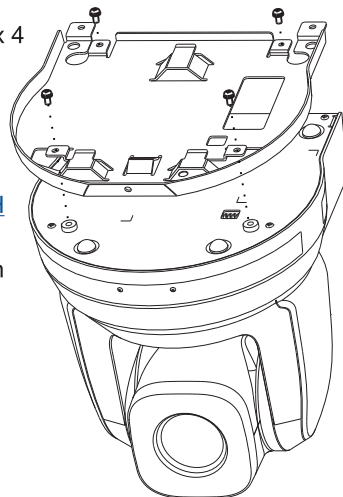
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1. I would like to install Camera on the ceiling

1.1 Prepare for the parts and equipment required during the installation

▶ Accessories of Camera in the box (metal plates A, B, M3 screw silver x 8, black x 2)
▶ Screw for locking on ceiling mounted hanger x 4
▶ Drilling machine, screw driver, ladder

1.2 Installation steps

1. Please adjust resolution on DIP Switch at first. (Please refer to 2. Instruction on DIP SWITCH Setting)
2. Fix the metal plate A on the machine base with 4 M3 silver screws.

Black Screw

3. Lock the metal plate B on ceiling mounted hanger
 ※Caution:
 ＊Please use the hanger that has obtained UL security approval.
 ＊Please reserve the hole for the connecting wires of the camera.

4. Combine the metal plate A and the metal plate B
 ▶ Push the metal plate A up to the ceiling and then to the right to latch the metal plate B.
 ▶ And then secure with 2 M3 silver screws and 1 M3 black screw.
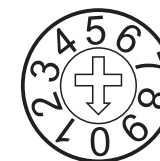
2. Instruction on DIP SWITCH Setting

2.1 OUTPUT SWITCH

Off
On
1 2 3 4

Output Mode	Setting
1920x1080/60p	
1920x1080/50p	
1920x1080/30p	
1920x1080/25p	
1920x1080/60i	
1920x1080/50i	
1280x720/60p	
1280x720/50p	
1080/59.94p	
1080/59.94i	
1080/29.97p	
720/59.94p	

2.2 IR SELECT

1 2 3

ID	Setting
1	
2	
3	

2.3 Camera Address Selector

Setting	Function Descriptions
0~7	ID 0~7
8~9	Reserved

2.4 System Switch
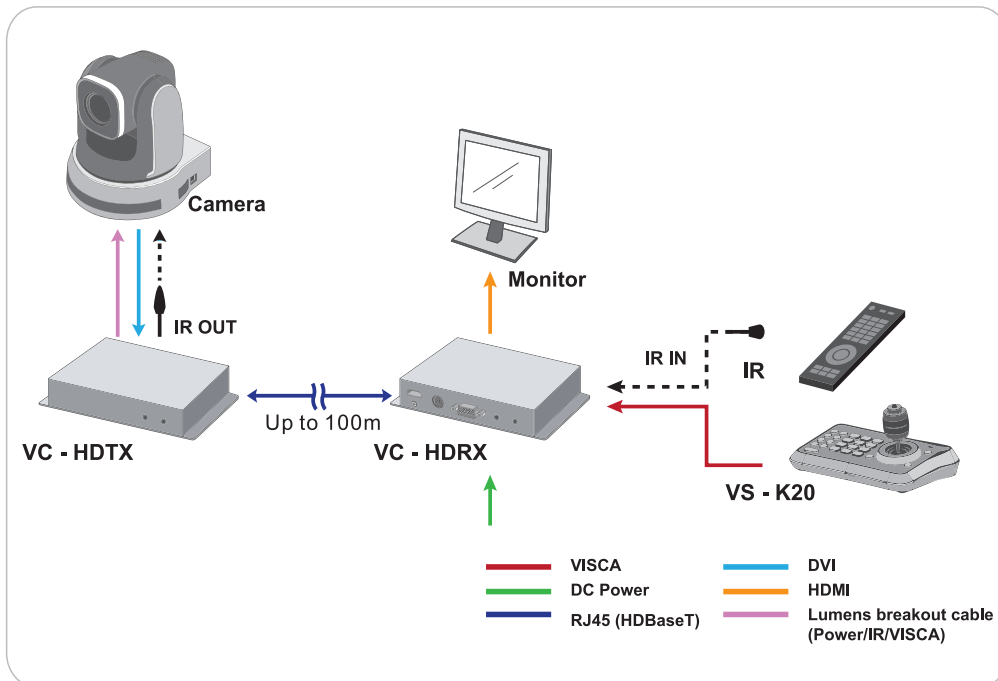
On
Off
1 2 3 4

Setting	Function Descriptions
DIP 1	RS-232C/RS-422 selector OFF: RS-232C / ON : RS-422
DIP 2	Infrared signal output switch OFF: Off / ON : On
DIP 3	Communication baud rate selector OFF: 9600 / ON : 38400
DIP 4	Reserved

3. Single Camera Connection

Device List
- Lumens Camera x1
- VC-HDTX(Optional) x1
- VC-HDRX(Optional) x1
- VS-K20(Optional) x1
- Monitor x1

Camera

Monitor

IR OUT

IR IN

IR

VC - HDTX

Up to 100m

VC - HDRX

VS - K20

VISCA		DVI	
DC Power		HDMI	
RJ45 (HDBaseT)		Lumens breakout cable (Power/IR/VISCA)	

4. Multi-Camera Connection

Device List
- Lumens Camera x1-7
- VC-HDTX(Optional) x1-7
- VC-HDRX(Optional) x1-7
- VS-K20(Optional) x1
- Monitor x1
- VC–AC07 x1-6

Camera

Camera

Camera

Up to 100m

Up to 100m

VC-HDTX

Up to 100m

VC-HDRX

HDMI Switch

Monitor

VS-K20

VC - AC07
VISCA
DC Power
RJ45 (HDBaseT)
DVI
HDMI
Lumens breakout cable (Power/IR/VISCA)