



Lumens VC-TA50 Auto Tracking PTZ Camera Datasheet

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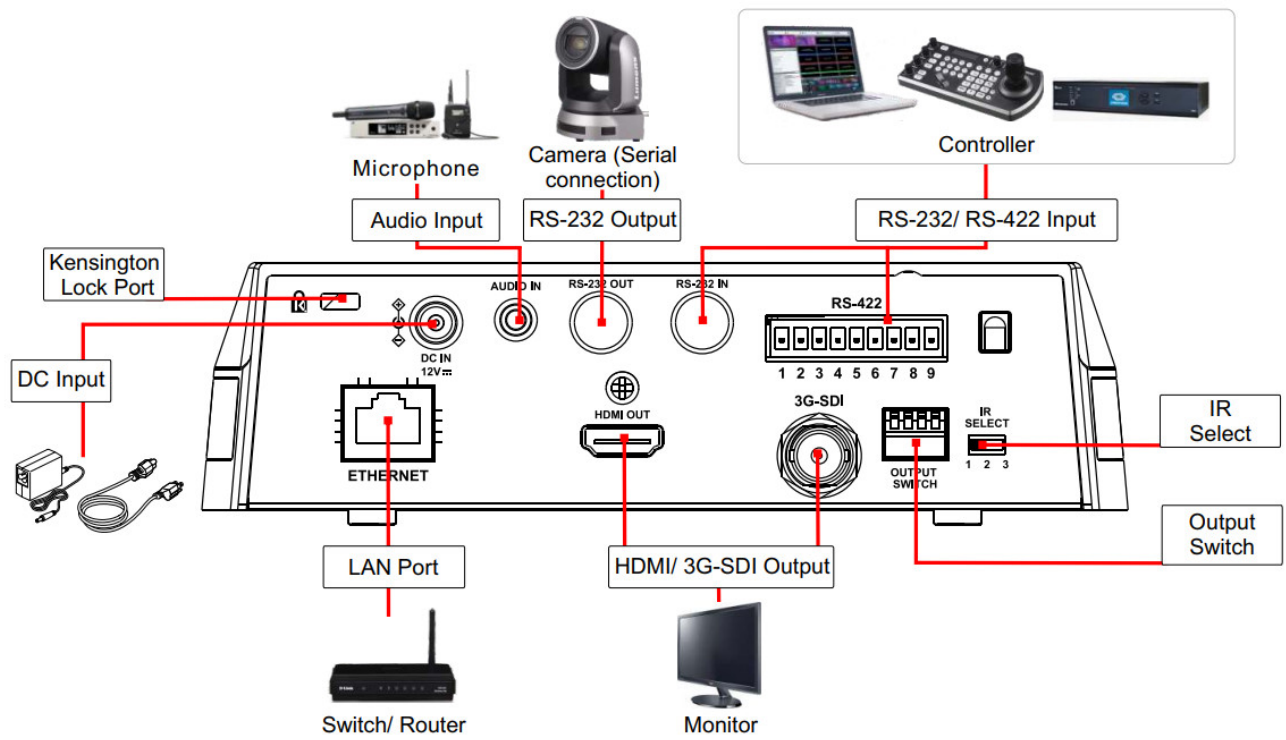
Lumens[®]

VC-TA50 Auto Tracking PTZ Camera Datasheet

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Connections



SWITCH Settings

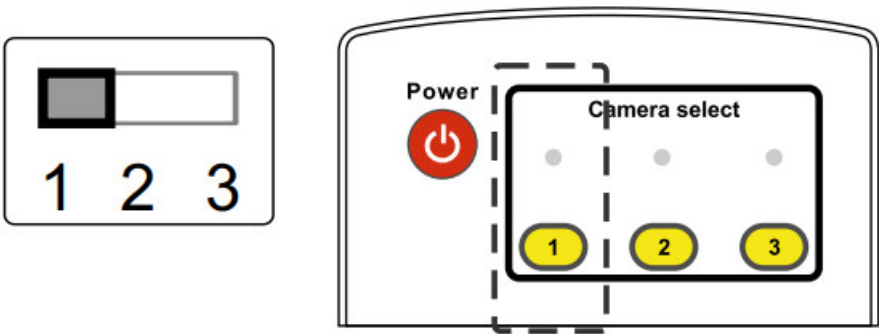
2.1 OUTPUT SWITCH



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

Configure IR SELECT to control 3 cameras using the remote controller

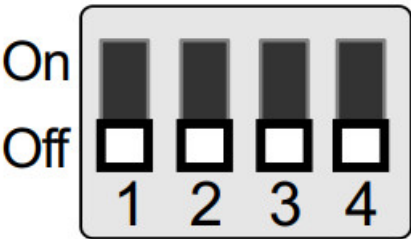


2.3 Camera Address Selector



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

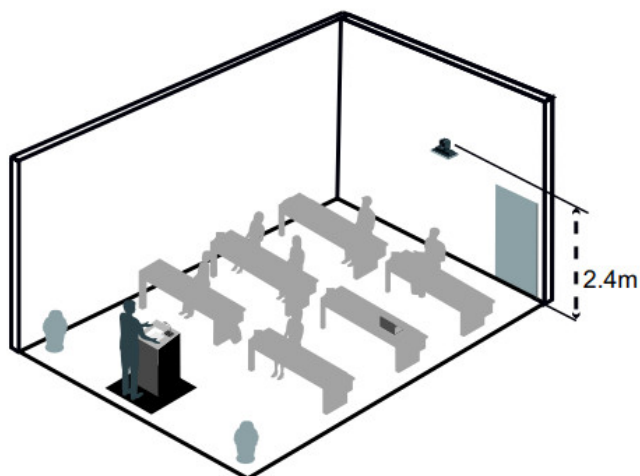
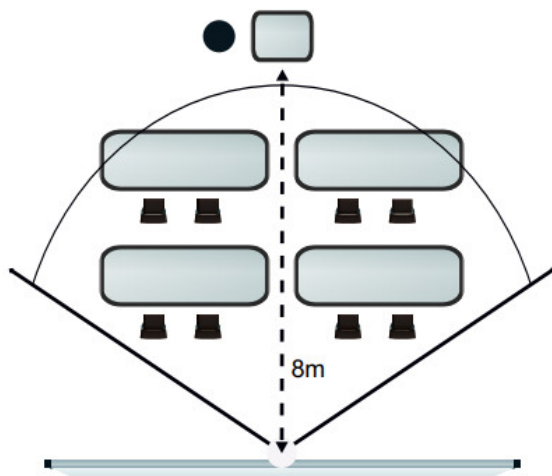
2.4 System Switch



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

Precautions for Installation

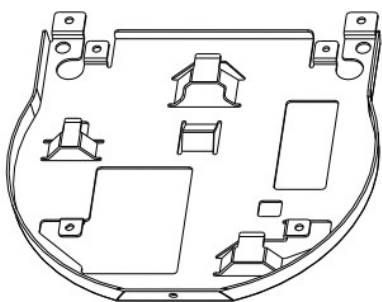
1. Use the provided DC 12V power cord or a PoE router or hub to supply power via a network cable.
* VC-TA50 supports PoE+ (IEEE802.3at)
2. Tracking distance range: 4m-15m. The optimal tracking distance is 8m.
3. Vertical mounting height: 2m-3m, Optimal installation height: 2.4m.



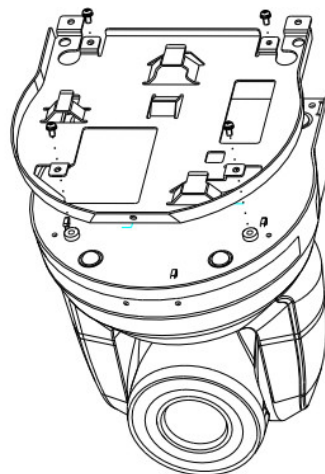
* For best tracking results, avoid placing images of people on posters or screens behind the subject.

Ceiling Installation

1. Please adjust the resolution on SWITCH prior to installation.
(Please refer to) SWITCH Settings
2. Fix base plate A to the camera with 4x silver-colored M3 screws.



Base plate A



3. Screw ceiling plate B to the ceiling

*Caution:

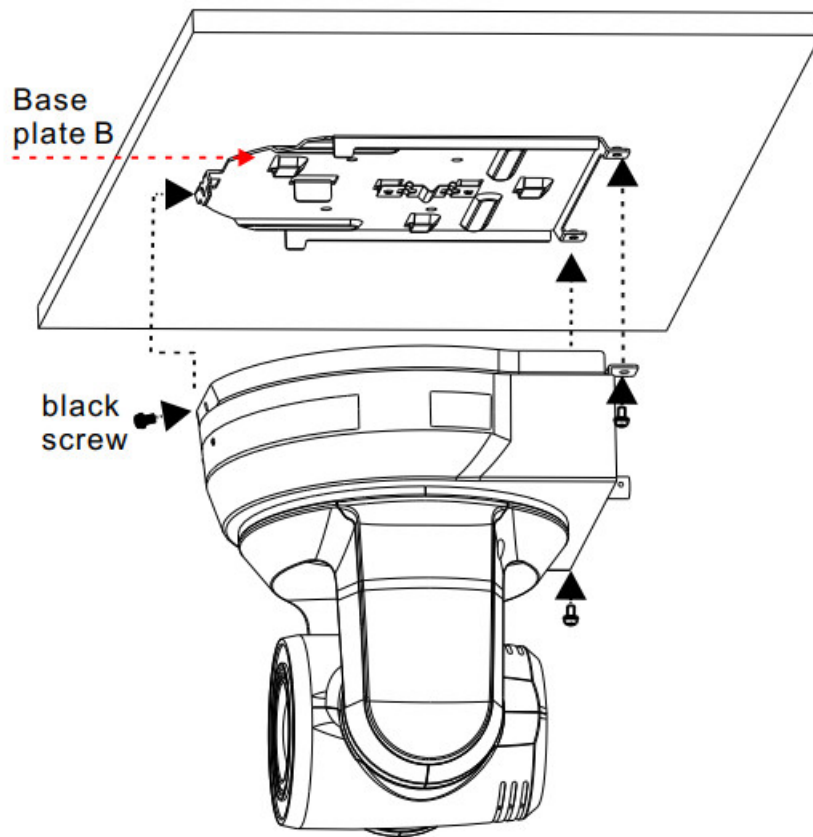
- (1) This should be undertaken in accordance with guidelines.
- (2) Do not obstruct the cable passing thru the hole

4. Attach base plate A to the camera base plate B

▼ Push base plate A up to the ceiling and slide to the right to latch on to plate B.

▼ Secure with 2x M3 silver screws and 1x M3 black screws.

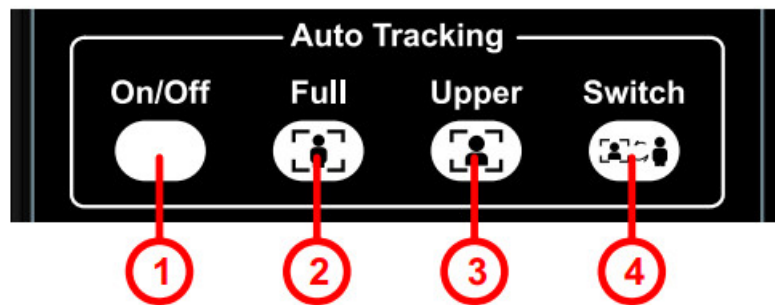
* After the camera is inverted, press the [Mirror] button on the remote control to flip the screen [Flip]



Start Tracking

1. Press the remote control to start the auto-tracking function

*Power LED flashes green when the tracking function of the camera is activated



Items	Button Name	Function
1	Auto Tracking	Enable/Disable Auto Tracking
2	Full	When the presenter's full body is framed by the camera
3	Upper	When the speaker's torso is framed by the camera
4	Switch	Force switch to a different presenter

* For advanced tracking, please download the VC-TA50 User Manual from the Lumens website

Webpage Settings

1. Open your web browser and enter the IP address in the address bar.

* The IP address can be verified on a connected monitor by clicking [MENU] =>[Ethernet] => [IP Address] on the remote control

* If the camera is not connected to a DHCP router, the default IP address is 192.168.100.150



2. Enter the user name and password to view the camera images, control the camera and manage advanced settings.

User Name: admin

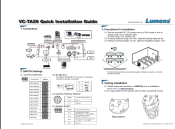
Password: 9999

* Please visit YouTube [My Lumens] channel to watch the related videos for instructions



<https://www.youtube.com/c/MyLumens>

Documents / Resources

	<p>Lumens VC-TA50 Auto Tracking PTZ Camera [pdf] Datasheet VC-TA50 Auto Tracking PTZ Camera, VC-TA50, Auto Tracking PTZ Camera, PTZ Camera, Camera</p>
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References

-  [Lumens – Pro AV Technology | Lumens](#)