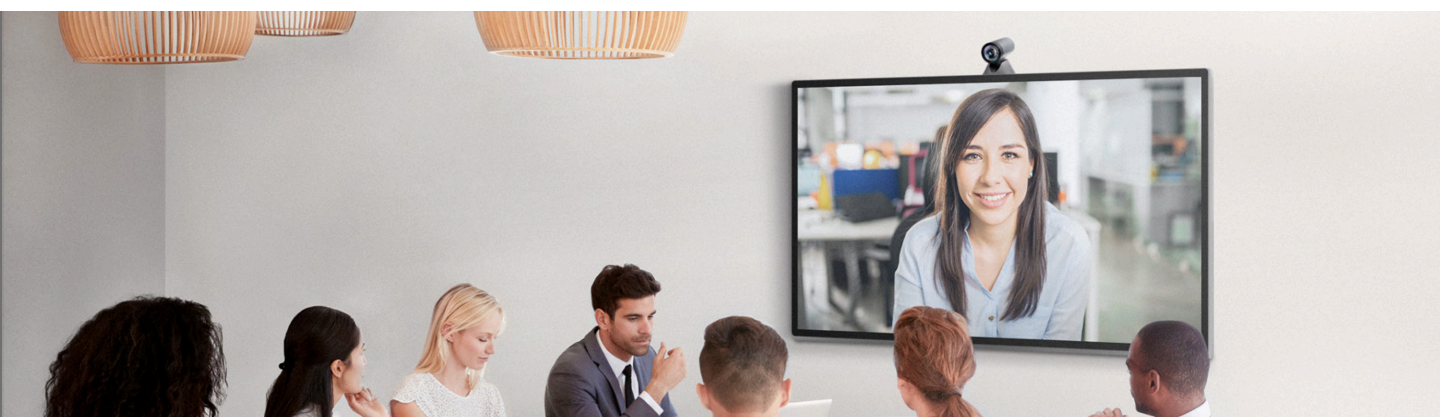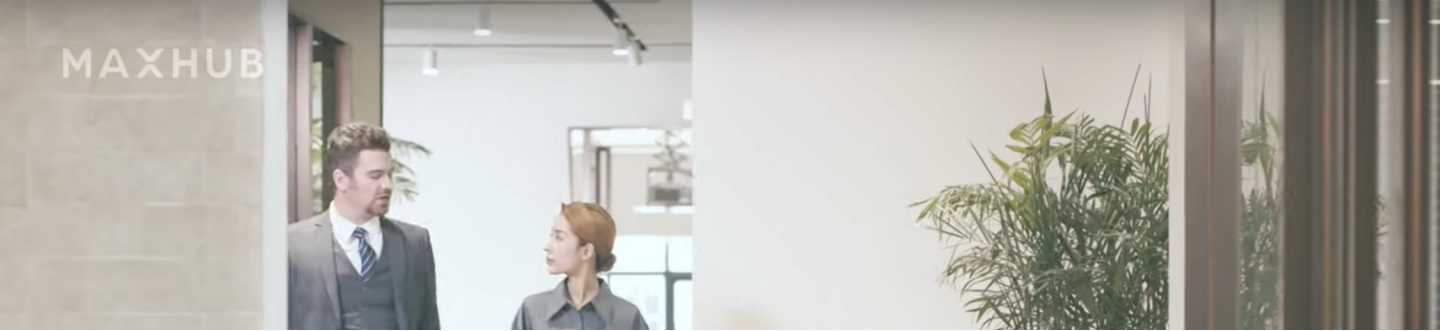# UC P10   HD 1080p USB PTZ Camera:

Introduction

The UC P10 is a professional **1080p PTZ Camera** with a **USB 3.0** and **RS232** connectivity for a variety of applications. The **Audio Line Input** is very useful to get **lip-synced** Audio with your recorded or streamed Videos. The **RS 232 In/Out** connectors allow for **cascading multiple Cameras** using **3rd party control (VISCA protocol)**. The Resolution of the Camera is **HD 1080p**, with a **72,5° HFoV**, using a PANASONIC 1 / 2.7-inch CMOS image sensor. The **12x optical Zoom**, and an additional **16x digital Zoom** plus very **silent PTZ motors** will make the UC P10 your best choice for every pro-grade Conference Room or Recording / Streaming application. Other high-quality specs are the **2D and 3D DNR** and the unique **Low-Lux** technologies. Even in very low-light conditions, the picture will stay crisp and clear. **Pan +/- 170°**, **Tilt +/- 30°**. **255 Presets** can be programmed and instantly recalled via the IR Remote Control, which comes with the unit. The **mounting bracket and a USB 3.0 Cable** are also included in the box. Due to all these pro class features, the UC P10 is very easy to setup and will be installed in minutes only.
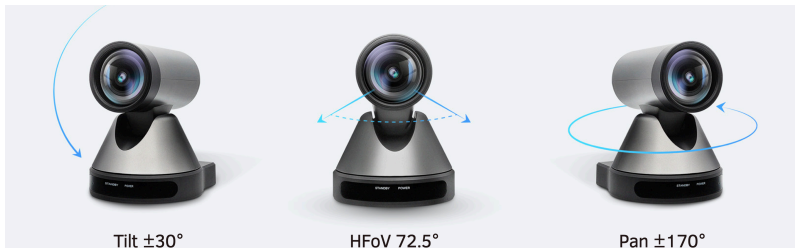
SETUP

Real Plug and Play!

Simply connect the UC P10 to the included PSU and turn the unit on. After it has initialized, it is ready to use.

Connect the UC P10 to any PC/Laptop of your choice or to the existing HUB/NUC in your Conference Room using the USB 3.0 cable. With the enclosed IR Remote Control you can change or set all available parameters of the Picture and Video format via OSD. Preset programming is simple and easy, just set the Camera to the right position, Zoom in or out, push the PRESET button and any number on the IR Remote Control. To recall a Preset, simply push the number button once. To see all possible Video Resolutions or other settings, please refer to the UC P10 User Manual which you can find here: www.vvvvvvvv.com
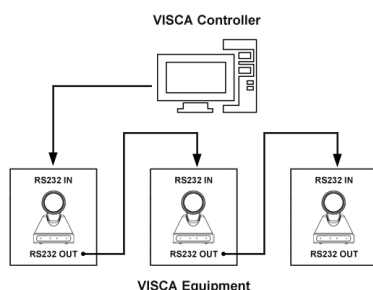
Rear view of UC P10

Please make sure you purchase a pair of AAA batteries, so you can insert them into the IR Remote Control of the UC P10.
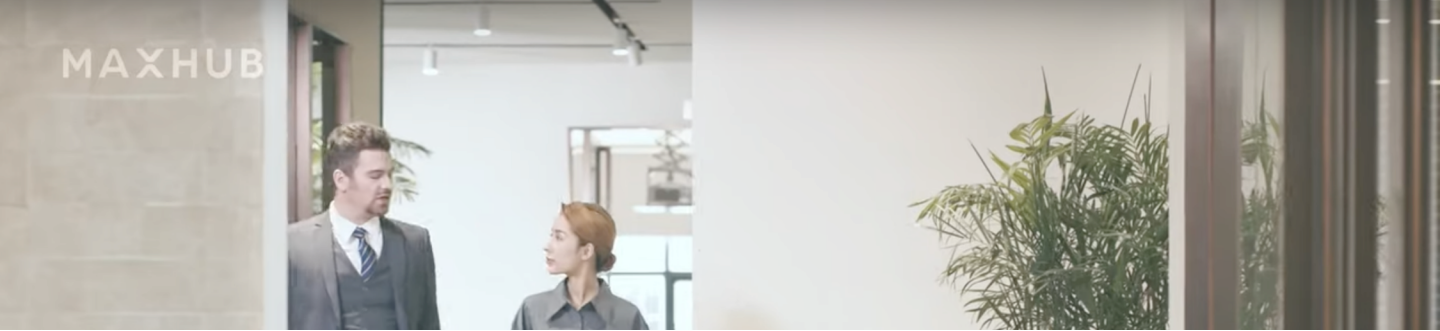
Tilt ±30°   HFoV 72.5°   Pan ±170°

Due to the viewing angle of 72,5° and the extreme Pan and Tilt capabilities, the UC P10 is the ideal Camera if you look for quality and good price. You can install it with the mounting bracket on top of your Display, or simply put it on a board underneath it. Plug it in and go for your Conference.

If you want to use a 3rd Party control unit via RS232, please make sure to use the VISCA protocol and a cable which fits to the appropriate connectors on the UC P10. You can purchase it optionally at your local MAXHUB Dealer. Due to RS 232 In/Out connectors, you can easily cacade multiple UC P10 Cameras.

VISCA Controller

RS232 IN   RS232 IN   RS232 IN

RS232 OUT   RS232 OUT   RS232 OUT

VISCA Equipment

Rear Panel view with all connections

USB 3.0   LINE IN   IN RS232 OUT   DC 12V

APPLICATIONS

Meeting Room

You can easily use the UC P10 for every Meeting Room application you can imagine. Even larger Rooms are no issue, due to the presets you can save. Just mount the Camera on top of your Display using the included mounting bracket, or simply place it on a side-board underneath it.

Use the IR Remote Control to focus on the space or the people you want to see and save the Preset by pushing the Preset button, followed by any number on the IR Remote. To recall a Preset, just push the number button once. Meetings have never been easier to setup and start.

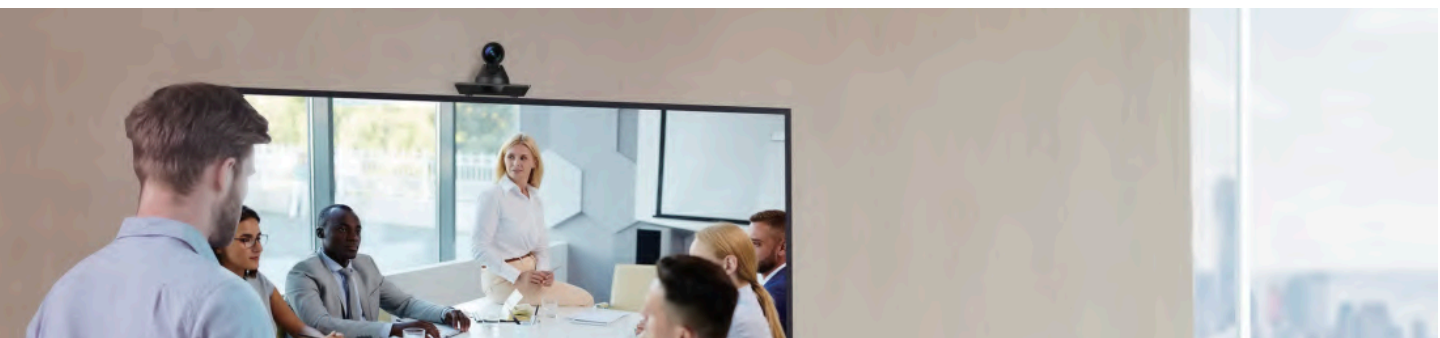UC P10 and BM21 in medium sized Conference Room

Zoom out

Zoom in

Sometimes you might also need to record a meeting, where you need a PTZ Camera to be placed at the rear side of the room, no problem with the UC P10. Just set the Zoom and Focus to the perfect field of view and "off you go" with your Meeting recording. Please keep in mind, that the Audio Input of the UC P10 will help you to get a **lip-synced** Audio signal with your Video, wether you Record or Stream your meeting, it will be always perfect in sync and no more editing or "delaying" is needed afterwards.

Class Room, Lecture Hall

Another perfect application to use the UC P10 is a Lecture Hall, wher you want to record the learning session with Teacher and Students. Due to the professional Sensor implemented, you will be able to cover very long distances. Plus, you can easily create Presets, if you want to Zoom in onto the Whiteboard. Again, Streaming is another case used very often in this application and the UC P10 will be a very powerful and reliable Camera to fullfil all your needs. Don't forget the **Low-Lux** Technology, **2D & 3D Denoising** and **WDR capabilities**, which will always provide a clear and crisp picture, even in very low light conditions. Due to the fact that the UC P10 has RS232 In and Out connections, it is very easy to cascade multiple Cameras and control them via 3rd party. This application will need a PC/Laptop or a HUB/NUC installed in the room.

Church, House of Worship

Here you go with an easy setup and a true „budget saver" for these applications. In most cases you might need to install two or more PTZ Cameras, to be able to get a full picture of the whole service in Church or House of Worship. Zoom in to the Pastor or Preacher, show the Musicians on stage, or simply Stream the whole service, including a scene from the audience. Everything is „plug & play" and you get great looking Videos with the MAXHUB UC P10. This application will need a PC/Laptop or a HUB/NUC installed in the room.

If you have any further questions to the products or applications mentioned, or any issues with the setup, please contact your MAXHUB sales or support agent in your country.

Have fun with the MAXHUB products and a good success during your conferences!

your MAXHUB Team

www.maxhub.com