



# Pleneo RoomVision



Pleneo RoomVision is a PTZ camera designed for medium meeting rooms. With onboard AI for auto-framing and presenter tracking, it delivers natural camera behavior that responds intelligently to activity in the space.

Designed as part of the Pleneo system, RoomVision supports AI AutoDeploy and integrates natively with IQ Director running on compatible Pleneo device hubs. Together they enable simplified deployment, remote management, and coordinated tracking.



142 mm (5.6 in)



169 mm (6.7 in)



175 mm (6.9 in)

## General

Weight: 1.5 kg (3.3 lb)

Dimension: 142 × 175 × 169 mm  
(5.6 × 6.9 × 6.7 in)

Operating system: 0–40 °C (32–104 °F)

Storage temperature: -4–60 °C (25–140 °F)

## Connectivity

1 × USB 3.0 (USB-C), UVC 1.1

1 × HDMI (v1.4)

1 × 3G-SDI (BNC), SMPTE 424M

1 × RJ45, 10/100/1000 Mbps Ethernet

## Camera

Up to 1080p at 60 fps (YUY2)

1/2.8" CMOS sensor

Progressive scanning mode

12 × optical zoom, f4.1–49.2 mm, F1.8–F2.8

0.5 lux (f/1.8, AGC on) minimum illumination

1/30–1/10,000 s shutter speed

2D & 3D digital noise reduction

≥55 dB SNR

72.5°–6.9° horizontal field of view

44.8°–3.9° vertical field of view

±170° pan

-30° to +90° tilt

Supports backlight compensation

With horizontal and vertical flip

## USB

YUY2 / MJPEG / H.264 color system compression

Supports USB Video Class (UVC 1.1)

Supports UVC PTZ Control

Supports Windows 8 or later, macOS, Linux 2.4.6 or later, and Android (UVC driver support required)

## Network

H.264 / MJPEG video compression

Primary stream up to 1080p at 102,400 kbps

Secondary stream up to 720p at 6,144 kbps

VBR / CBR bit rate

1–50 fps for 50 Hz and 1–60 fps for 60 Hz

Supports TCP/IP, RTSP, ONVIF, DHCP

## Ordering Information

Product SKU: ROOMVISION-PTZ

Manufacturer code: 2200-008-0300

## Warranty

Three year limited warranty

Details on the [Pleneo Limited Warranty](#) page

# Camera for intelligent Room OS spaces.

## 1080p HD video

Clear, detailed video for medium rooms.  
Every participant visible, every time.

## 12× optical zoom

Precise reach across the room without losing image quality.

## Intelligent autoframing

Groups stay composed on screen.  
No one touches the camera.

## Built for Room OS

Configured and managed entirely through Room OS and Pleneo Cloud.

## IQ Director voice tracking

Focuses on whoever is speaking.  
Automatically.

## Single-cable simplicity

PoE-powered. USB-C video output.  
One cable does it all.

For more information, visit the [RoomVision product page](#)



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