



Pleneo RoomVision XL



Pleneo RoomVision XL is an advanced PTZ camera designed for larger meeting spaces. With onboard AI for auto-framing and presenter tracking, it delivers intelligent camera behavior with responsive coverage across the room.

Designed as part of the Pleneo system, RoomVision XL 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 4Kp at 30 fps (YUY2)

1/1.8" CMOS sensor

Progressive scanning mode

20 × optical zoom, f4.42–88.5 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

61.2°–3.38° horizontal field of view

35.3°–1.89° 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 / H.265 / MJPEG video compression

Primary stream up to 4Kp 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-XL

Manufacturer code: 2200-008-0301

Warranty

Three year limited warranty

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

Camera for large, intelligent Room OS spaces.

4K video

Sharp, detailed video across large rooms.
Every face stays clear, even at distance.

20× optical zoom

Reaches 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 XL product page](#)



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