



Remote Learning Camera

RL400 - PTZ Camera

Compatible with Clear Touch® panels & third party computing devices



4K 4K Resolution

60° wide-angle lens with 20x optical zoom and 340° rotation

Low-light noise reduction algorithm

Gravity Sensor to auto-flip image for ceiling

Main Features

UNIFIED COLLABORATION

The perfect camera with robust features and easy installation for use at home, in the classroom, or the office.

SEAMLESS INSTALLATION

Quick and easy at-home or remote work device installation using a USB 2.0 Type-C port.

DEVICE AGNOSTIC

The Remote Learning Camera is compatible with all Clear Touch panels and third-party computing devices.

WHOLE-BODY AUTO-TRACKING

The Remote Learning Camera keeps you in-frame and in-focus by using auto-tracking. This allows you to move around the room with ease.

255 PRESETS AVAILABLE

This will allow you to create a classroom environment that includes students learning from home.

IDEAL FOR REMOTE LEARNING

This camera takes away the stress of focusing, lighting, and keeping content in frame. Letting you be able to focus on the more important things.



PRODUCT

Model Number CTS-RL400-4K20

Model Name Remote Learning Camera

CAMERA SPECIFICATIONS

Signal System HDMI: 4K/60, 4K/50, 4K/30, 4K/25, 4K/59.94, 4K/29.97, 1080P/60, 1080P/50, 1080P/30, 1080P/25, 1080P/59.94, 1080P/29.97, 1080I/60, 1080I/50, 1080I/59.94, 720P/60, 720P/59.94
3G-SDI: 1080P/60, 1080P/50, 1080P/30, 1080P/29.97, 1080P/59.94, 1080P/25, 1080I/60, 1080I/50, 1080I/59.94, 720P/60, 720P/59.94

Scanning Mode Progressive

Field of View (DFOV) 60°

Rotation 340°; 170° from center focal point

Frame Rate 4k @ 60fps

Vertical Rotation Range -30° ~ +90°

Pan Speed Range 1.7° ~ 100°/s

Tilt Speed Range 1.7° - 69.9°/s

Minimal Illumination 0.5 Lux@ (F1.8, AGC ON)

Shutter 1/30s ~ 1/1000

White Balance Auto, Indoor, Outdoor, One Push, Manual, VAR

Digital Noise Reduction 2D & 3D Digital Noise Reduction

H/V Flip & Image Freeze Supported

Camera Mount Magnet + M12

Function PTZ, auto-frame, auto-focus

Sensor 1/1.8 inch, CMOS, Max Effective Pixel: 8.42M

USB FEATURES

Hardware Requirement 2.4 GHz Intel® Core 2 Duo Processor or higher
 2 GB RAM or more

Color System / Compression YUY2 / MJPEG / H.264 / H.265

Video Format YUY2: max to 1080P@30fps
 H.264 AVC/SVC: max to 4K@60fps
 MJPEG: max to 4K@30fps

USB Video Communication Protocol UVC 1.1-1.5

GENERAL SPECIFICATION

Input Voltage 12V

Current Consumption 1.0A (Max)

Operating Temperature 10°C ~ 40°C / 50°F ~ 104°F

Storage Temperature 40°C ~ 60°C / -40°F ~ 140°F

Humidity 10% ~ 90%

Power Consumption 20W (Max)

Size 146 x 146 x 164mm / 5.74" x 5.74" x 6.45"

Net Weight 1.7 kg / 3.74 lbs

INPUT/OUTPUT INTERFACE (AS SHOWN BELOW) KEY

Audio In 1 x Audio In: 3.5mm Audio Interface 1

Line Out 1 x Line Out: 3.5mm Line Out Interface 2

System Select Switch 3

RS485 1 x RS485: 2pin phoenix port, Max distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P 4

RS232 In 1 x RS232 In: 8pin Min DIN, Max distance: 30m, Protocol: VISCA/Pelco-D /Pelco-P 5

RS232 Out 1 x RS232 Out: 8pin Min DIN, Max distance: 30m, Protocol: VISCA network use only 6

Network 1 x RJ45: 10/100/1000m Adaptive Ethernet Port, support PoE power supply 7

HDMI 1 x HDMI: Version 2.0 8

USB 3.0 1 x USB 3.0: Up to 4K@60fps compressed video and 1080P original video can be output 9

3G-SDI 10

DC 12V 11

Power Switch 12

