



Classroom Dual

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Price:

£8,250

A setup for remote teaching and learning: a teaching pod and classroom combined

How it works:

This dual-purpose setup is ideal for larger classrooms or lecture theatres where you want to offer both remote teaching and learning provision.

Teach & learn mode

There's no complicated re-set or calibration required. It's just one simple button to switch between teach mode and learn mode. Screens at either end of the classroom give you maximum flexibility to work in any mode. And the dual audio system will pick up voices from every corner of the room.

Adapts to you

As with the teaching pod, teachers can deliver lessons in their usual style. Tracking cameras, working on face recognition, will follow you as you move around the room. Like to use a whiteboard, or even blackboard and chalk? The system easily accommodates this. It will automatically zoom into your close-up work and share it with learners.

Blended learning

On top of this, the Vscene system can record every session in high-quality video. Learners can play this back, whenever they want to review a lesson at their own pace.

This flexible solution is designed to support both teaching and learning in the most natural, immersive manner. It's as close to the natural human experience as technology will deliver.

Ideal for:

Dual purpose spaces – for both teaching and learning

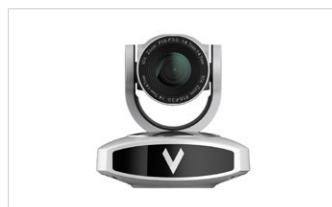
Teachers delivering remote teaching

Learners receiving remote teaching

Large learning spaces of 30-60m2

What's included:

- ✓ Ultra high definition video streaming
- ✓ High definition content sharing
- ✓ HD PTZ teacher tracking and framing camera
- ✓ 10 x optical zoom (class view)
- ✓ Wide audio pickup



Vscene Space Solutions

Screen Configuration

Single Display: 4K Ultra HD at 30 fps (Up to 16 viewable participants, Configurable layouts for participant video and content)

Dual Display: 1080p at 60 fps (Up to 32 viewable participants, Configurable layouts for participant video and content)

3 Displays: 1080p at 60 fps (Up to 64 viewable participants, Configurable layouts for participant video and content)

4 Displays: 1080p at 60 fps (Up to 120 viewable participants, Configurable layouts for participant video and content)

Video Codec:

Native: H.264 SVC (UCIF Mode 2s), VP9 SVC, VP8

Audio Codec:

Native: SPEEX Wideband Audio, up to 32 Khz sampling rate

Live Resolutions (Transmitted):

1080p60, 1080p30, 720p60, 720p30, 540p30, 450p30, 360p30

Live Resolutions (Received):

4K/ 2160p30, 1080p60, 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30

Max Data Rate:

Transmit: Up to 6Mbps

Receive: Up to 6Mbps

Content Sharing

Content In: 1 x USB (Video+Audio, Up to 1080p30p with DVI/ HDMI to USB3 accessory included)

Resolutions: 2160p10fps, 1080p30fps, 720p30fps

Remote Display: Scales shared content from remote participants (up to 2160p) to screen resolution

Multipoint Content Sharing: Toggle to switch between shares from multiple remote participants

Video Outputs

2 X HDMI 2.0, 2 x mDP (Mini Display Port to HDMI 1.4 adapters included)

Camera Solution

Vscene-10 PTZ - 1080p / 60fps – 10X Optical Zoom, USB3, 60 Degree FOV

Camera Control

VISCA (Rs232) - USB to serial port adapter (Included)

Audio Solution

Nureva HDL300 Audio Conferencing System – 10m Microphone Pickup (audio breakout box - 10m Cat5E connection)

Remote Control

RF remote control, tablet V-Room app and remote control API with support for Crestron and AMX

Signalling Protocols

EMCP, SCIP

Encryption

AES 256-bit, TLS, SRTP, HTTPS

Monitoring

SNMP

Network Interface

1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 port

Languages

English, Chinese (Simplified or Traditional), Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish

Power Supply

Input 100-240V AC Input 50-60 Hz 2.0 A; Output 19V 6.32 A DC

Environment

Operating Temperature Range: 0 to +50 °C (32 to 122° F)

Non-Operating Temperature Range: -40 to 60°C (-40 to 140°F)

Safety & Regulatory

NRTL Tested for Safety to the following Standard: UL 60950-1, 2nd Edition, 2014-10-14 (Information Technology Equipment -SafetyPart 1: General Requirements) CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10 (Information Technology Equipment - Safety - Part 1: General Requirements) Including the following additional standards: EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 (which includes all European national differences)

FCC (US), ICES (Canada), CE (EU), AS/NZS (Australia/New Zealand), CCC (China), EAC (Russia), NOM (Mexico), BSMI (Taiwan), MSIP (Korea)

Environmental: RoHS, EPEAT (Gold), CECP, CEC, Green PC Label, Eco Label and Greenmark compliant

Dimensions

Height: 221mm x 142mm x 39mm Gross Weight: 1.3kg (2.87lbs)

Operating System:

Windows IoT