

Teaching Pod

Price from:

£3,250

A fully customisable set up designed specifically for the delivery of remote teaching.

How it works:

The compact teaching pod is designed for teachers to deliver remote teaching to multiple classrooms, or multiple desktop users.

Walk-in-and-teach

It's the ultimate walk-in-and-teach setup. You can simply walk into the teaching pod and begin the lesson. The system will automatically connect you to your remote classrooms or learners.

Teach as usual

The technology works with you, allowing you to teach in your usual manner. There's no need to stay put in one spot, staring at a camera. Sit down, stand up, move about. Write on the whiteboard, hold up a book, point at the key facts. Built-in tracking cameras will follow you as you move. The audio pickup captures your voice perfectly, wherever you're standing.

Share resources

Do you use a visualiser to share close-up work? Vscene will integrate smoothly with your current visualiser, or we can install one for you. It's also easy to share documents, presentations or videos, all in the highest 4K resolution.

Ideal for:

Teachers delivering remote teaching to one or more classrooms

Teachers delivering remote teaching to multiple desktop users

Teaching delivery for up to 120 learners, all at the same time

Fully customisable set up, dependent on size of teaching space and number of learning.

See every learner

And what about your learners? You'll be able to see and hear your class participants clearly – every single one of them. You'll know when they raise their hand to answer a question, when they're paying full attention, and when they're not.

The teaching pod includes options to see 30-120 pupils at one time. To put this in perspective, a Zoom room gives you a maximum of four participants per screen.



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What's included:

- ✓ Ultra high definition video streaming
- ✓ High definition content sharing
- ✓ HD PTZ teacher tracking and framing camera
- ✓ Wide audio pickup
- ✓ Moderation control app (for tablet)

Four options for participant viewing:

With the option to customise your teaching pod based on your space and needs, you can view from 16-120 participants on screen simultaneously:

1. Single screen: one screen (16 learners)
2. Dual screen: two screens (32 learners)
3. Quad screen: four screens (64 learners)
4. Teaching wall: eight screens (128 learners)



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

Single screen: V-Pod 5X Optical Zoom PTZ Camera (1080p60fps)

4 screen: V-Track 4K Auto-Framing Camera – 5X Digital Zoom (60fps)

8 screen: V-Pro12 Teacher Tracking Camera – 12X Optical Zoom, USB3, 72 Degree FOV

Camera Control

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

Audio Solution

V-POD Audio Conference Unit (360 Omni-Directional Mic up to 5m & Integrated 95dB audio speaker)

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