

UNiQ ProCAM-EdTech-T/S

Redefining Clarity and
Precision in Education Spaces

4K Intelligent Educational Box Camera



01

Lightweight and Easy to Deploy
Simple Maintenance
Automated Features

02

Streamlined Broadcasting
Highly Integrated System

03

Smart Interactive Board
Electronic Blackboard Writing

04

Dynamic Attendance Tracking
Real-Time Recording Capabilities

05

Cascaded Microphone Setup
Six-Level Cascading System

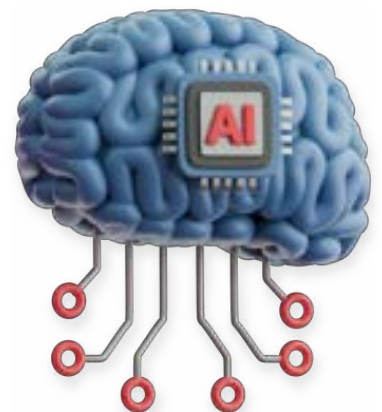
Transform Your Classroom ——— Experience with UNiQ ProCAM-EdTech-T/S

The UNiQ ProCAM-EdTech-T/S 4K Ultra HD Camera transforms classrooms and lecture halls with crystal-clear 4K resolution and AI-powered 180° panoramic tracking. Perfect for live and recorded lessons, it ensures exceptional visual quality for in-person and remote learning. Simple installation and operation make it an essential tool for modern education.

AI Configurator with Versatile Modes ———

The UNiQ ProCAM-EdTech-T/S camera comes with an intuitive AI Configurator, allowing seamless setup to optimise video capture for educational needs. With adjustable settings, educators can tailor the camera for lectures, interactive sessions, and streaming. The camera supports various modes, including:

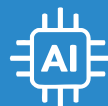
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|--|--|
| ④ Presenter Tracking Mode
For dynamic movement | ④ Close Capture Mode
For detailed focus |
| ④ Hall Broad View Mode
For wide-angle shots | ④ Stage View Mode
For full-stage coverage |
| ④ Area Preset Mode
For custom zone tracking | ④ Mixed Mode
For a blend of tracking options |



4k UHD



AI SmartTracking



Smart Guide



AF

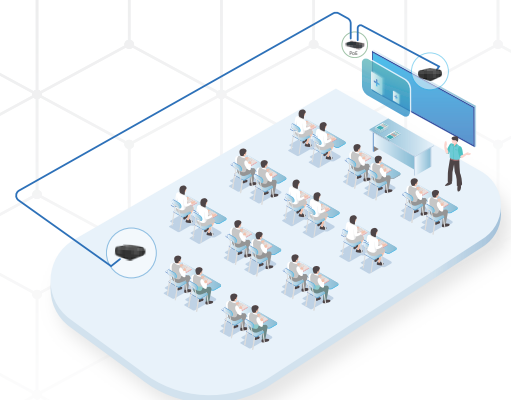


PoE

A Game-Changer for Education ———

Comprehensive Coverage

With its expansive 180° field of view and intelligent zoom features, the UNiQ ProCAM-EdTech-T/S ensures that every student, from the front row to the back, remains part of the learning experience.



Key Features of the **UNiQ ProCAM-EdTech-T/S**

④ 4K UHD Resolution

Crystal clear video quality for a high-definition classroom experience.

④ AI-Based Smart Tracking

Automatically tracks teacher movements and ensures continuous focus on the speaker, even in large classrooms.

④ Dual Cameras

The teacher’s camera (44° wide angle) and the student camera (95° wide angle) provide comprehensive classroom coverage.

④ Electronic Pan-Tilt-Zoom (ePTZ)

Flexible control over camera angles for wide classroom coverage.

④ Low Illumination Performance

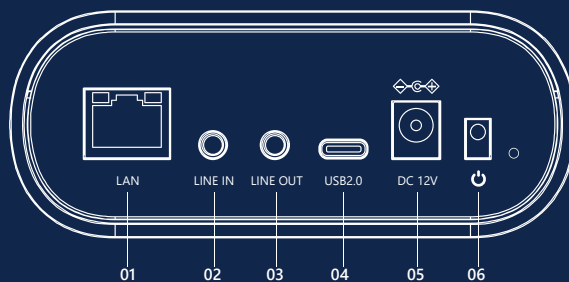
The advanced CMOS sensor ensures sharp, clear images in low light with 2D/3D noise reduction and a 55dB signal-to-noise ratio.

④ Attendance Tracking

Uses AI to automatically track student attendance based on their position in the classroom

Product Overview **UNiQ ProCAM-EdTech-T/S**

Interface Diagram



- | | | |
|-----------|------------|----------------|
| 01 LAN | 02 LINE IN | 03 LINE OUT |
| 04 USB2.0 | 05 DC 12V | 06 POWER LIGHT |

**New Generation Lightweight
Smart Classroom Solutions**



Product Specification

📷 Camera Spec	
Senso	1/2.7 inches, CMOS, Effective Pixels: 8.31 Megapixels
Scanning Mode	Progressive
Type of Lens Mount	Focal length: f=7.2mm, Horizontal FOV: 44
Lens (Teacher)	Focal length: f=2.88mm, Horizontal FOV: 95°
Lens (Student)	0.5Lux @ (F1.8, AGC ON)
Minimum Illumination	1/30s ~ 1/10000s
Shutter	Auto, Indoor, Outdoor, One Push, Manual, VAR
White Balance	Support
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
EPTZ	Support
Auto Focus	Support (Teacher machine)
PoE	Support
Select Lens I/II	Corresponding to the teacher/student tracking mode, respectively

🔌 I/O	
Network Interface	1 x RJ45: 10M/100M/1000M adaptive Ethernet, PoE support
USB Interface	1 x USB2.0, Type-C
Audio Interface	1 x LINE IN: 3-core phoenix interface
Power Interface	DC005 type (DC12V)

🌐 Network Spec	
Video Compression	H.265 / H.264 / MJPEG
Video Stream	First Stream, Second Stream Third Stream,Fourth Stream
First Stream Resolution	1920x1080, 1280x720, 1024x576
Second Stream Resolution	3840×2160, 1920x1080, 1280x720
Third Stream Resolution	1920x1080, 1280x720, 1024x576
Fourth Stream Resolution	1024×576, 960×540, 720×576(50Hz), 720×480(60Hz), 720×480
Video Bit Rate	32kbps~16384kbps
Bit Rate Control	VBR, CBR
Frame Rate	1~30fps
Audio Compression	AAC, G711A
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, GB/T 28181, Multicast, etc.

⚙️ Generic Spec	
Input Voltage	DC 12V / PoC / POE (802.3af)
Input Current	0.5A (Max.)
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	6W (Max.)
Dimension	110mm × 96mm × 44mm
Net Weight	0.2kg



UNIQ DIGITAL LTD

Kemp House 160 city Road, London, EC1V2NX.

Phone: +442034767436

Email: info@digitaluniq.com

Web: www.digitaluniq.com | Web: www.uniqint.com

UK | USA | KSA | Dubai | Qatar | Singapore | India | Africa