

About Tenfly

A Leading Manufacturer of Smart Display & Computing Devices

Chongqing Tenfly Drawell Electronics Co., Ltd., is a nationally recognized high-tech enterprise specializing in the R&D, manufacturing, and sales of smart displays and computing solutions with over 30 years of industry experience.

Our core product lines include LCD monitors, all-in-one PCs, laptops, mini PCs, and smart interactive displays, widely applied in education, business, and government sectors.

With strong R&D capabilities, advanced manufacturing, and full-service OEM/ODM support, Tenfly helps partners worldwide build reliable, customized technology products that drive digital transformation.



30+Years

Industry Experience



3

Manufacturing Bases



40000+m²

Production Area



5 Million+

Units Annual Output



50+

R&D Engineers



300+

Employees



8

Product lines



100+

Authorized patents

Lenovo

AOC

ASUS®

ZTE

Great Wall 长城

ENVISION
易美芝显示器

IPASON 攀升®
高性能品牌电脑

六联智能
SIXUNITED

Sunniwell
朝歌科技

中国移动
China Mobile

中国联通
China unicom

Education Solutions - Smart Learning



- Five-Camera Auto-Tracking System
- 4K Ultra HD Recording & Streaming
- Interactive Whiteboard & Touch Control Panel

Recording Classroom Solutions

Seamlessly integrating multiple learning tools, Tenfly 4K Premium Recording Classroom Solution is a cutting-edge five-camera automated system for lecture capture and live teaching. It is designed for interactive classrooms, distance learning, and professional education broadcasting.

Smart Classroom Solutions

Unlike traditional desktop computers that require multiple cables to connect monitors and main units, Tenfly All-in-One PC only needs a single power cable. This not only saves classroom space but also keeps desktops clean and organized.



- Modern minimalist design
- 40% space savings over traditional setups
- Durable design with clear visuals for classrooms



- Massive 120" Display Area, Fully Customizable
- Water-Resistant and Impact-Safe Design
- Ultra-Durable Enamel Surface

Classroom Upgrade Solutions

Upgrade traditional classrooms by replacing blackboards with smart whiteboards that seamlessly integrate 20-point infrared touch, an ultra-durable enamel surface, dust-free writing, a built-in exam timer, and auto shutdown—bringing new vitality to modern learning environments.

Tenfly Smart Interactive Whiteboard



A next-generation digital writing and interactive panel that blends traditional teaching with modern technology. Featuring a high-precision multi-touch display and ultra-durable enamel writing surface, it delivers seamless interaction, flexible customization, and reliable safety for smart classrooms and campuses.



20-Point Infrared Touch



Ultra-Durable Enamel Surface



Large & Customizable Display



Safe & Reliable Design

Specifications

Product Model	Interactive Whiteboard
Screen Size	≥120 inch (custom sizes available)
Aspect Ratio	16:9
Touch Technology	Infrared
Touch Points	20-point multi-touch
Input Methods	Finger or any opaque object
Touch Accuracy	≤1 mm
Response Time	Initial ≤10ms, continuous writing ≤3ms
Surface Material	High-strength enamel on mica
Enamel Layer Thickness	≥0.4 mm
Galvanized Backing Thickness	≥0.2 mm
Overall Panel Thickness	≥15 mm
Frame Material	Aluminum alloy
Frame Profile	Wall thickness ≥1.5 mm, bezel ≤34 mm
Corner Design	Rounded corners for safety
Overall Dimensions	≥1540 mm (H) × 5344 mm (W)
Installation Options	Center/Left/Right board configuration
Water Resistance	Functional after splash exposure
Maintenance Access	Front and side panels removable for service
Auto Power-Off	Yes
Exam Timer	Built-in, centrally managed

Tenfly Nano Smart Blackboard



Tenfly's Nano Smart Blackboard represents the latest innovation in modern education technology. Designed as a seamless fusion of traditional blackboard writing and cutting-edge interactive display, it supports both chalk and marker writing while delivering ultra-clear digital visuals through a central touch display. Its eye-friendly nano-glass surface and intelligent software integration make it ideal for building healthy, immersive, and interactive classrooms.



Hybrid Functionality for Modern Classrooms



Dual Operating System Support



Support for Multiple Writing Tools



Smart Gesture Recognition

Specifications

Product Model	Nano Smart Blackboard
Panel Structure	Dual writable panels + center touch display
Writing Surface	Nano-tempered glass, anti-explosion, anti-glare
Writing Tools	Chalk, dust-free chalk, whiteboard marker
Display Resolution	1920 × 1080 (FHD)
Brightness	≥350 cd/m ²
Contrast Ratio	4000:1
Viewing Angle	178°
Backlight Lifespan	≥50,000 hours
Touch Points	10-point multi-touch
Operating System	Android (built-in) + OPS Windows (optional)
Audio Support	Built-in speaker system (optional)
Glass Thickness	4mm Nano Tempered Glass

Tenfly Standard Recording Classroom Solution

A practical and scalable system designed for cost-effective lecture capture and streaming across K-12 and higher education.



Dual Auto-tracking Cameras



Integrated Recording Host



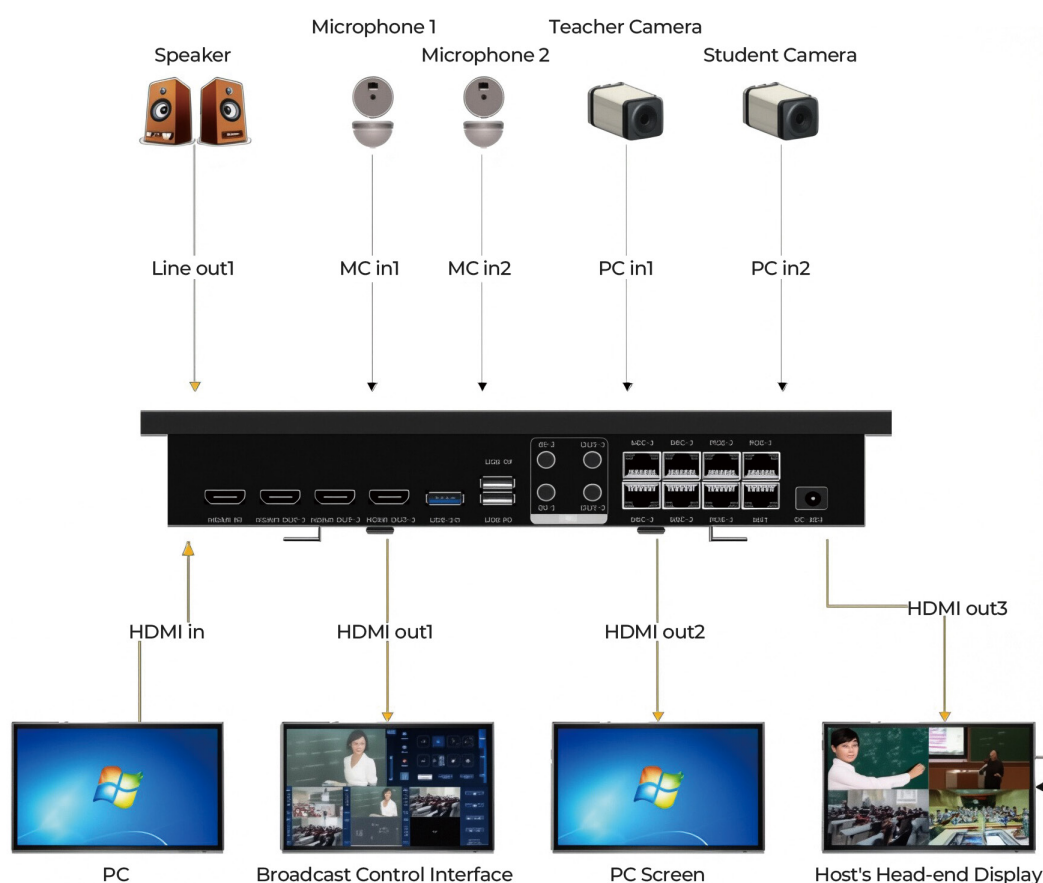
Supports "Three-Classroom" Models



Easy Control System



Lecture Capture & Streaming



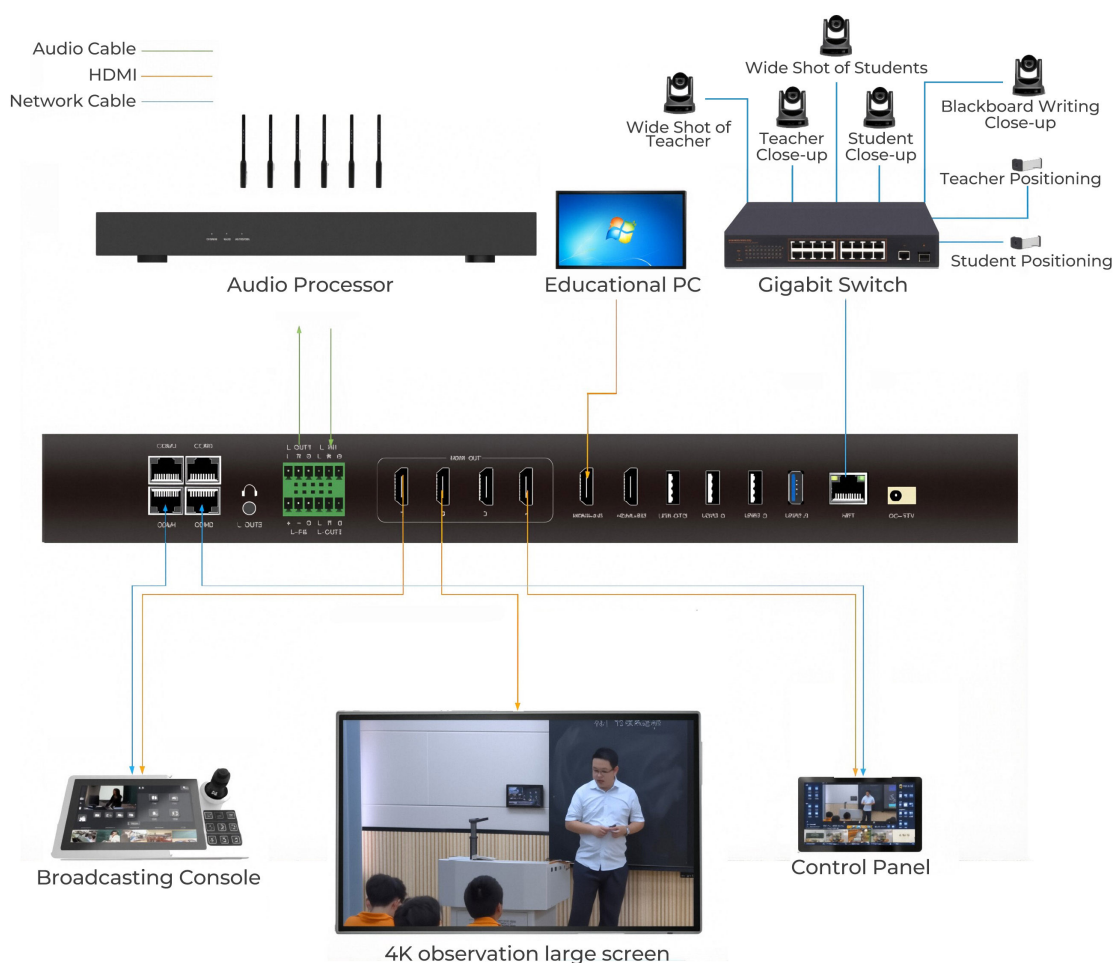
Specifications

Product Model	Standard Recording Classroom Solution
Recording Host	S7500A, embedded recording system
Camera	Auto-tracking camera (JX801K)
Microphones	2 x Omnidirectional mics (Model: M10)
Interactive Display Support	Works with Tenfly touch panels & whiteboards
EPTZ Support	Enhanced with 4K sensor simulation
Audio Processing	Noise filtering, echo cancellation
Power Supply	PoE-compatible devices
Recording Format	1080P HD, H.264/H.265 encoding
Control Access	Web UI, mobile app, or touchscreen
Live Interaction	Built-in software for synchronized classrooms

Tenfly 4K Premium Recording Classroom Solution

A professional five-camera automated lecture capture and live teaching system, designed to empower modern classrooms and distance learning.

- 4K Ultra-HD Recording
- Integrated Audio-Visual System
- Intelligent Auto-Tracking
- Real-Time Interaction



Specifications

Product Model	4K Premium Recording Classroom Solution
Main Recording Host	5-channel HD/4K switch-capable, H.265 encoding
Cameras	4K PTZ: Teacher & Student (close-up & wide)
Auto-Tracking	Auto motion + position recognition
Audio System	Built-in audio capture, noise reduction, mixing
Director Panel	10+ inch touch control tablet (optional)
Interactive Display Support	Integrated with Tenfly whiteboard or panel
Streaming Capability	RTMP/RTSP/ONVIF protocol, supports 4K push streaming
Storage Format	MP4/H.265 local or network recording
OS Support	Android system, PC integration ready
Live Interaction Tools	Integrated software for synchronous classrooms

Tenfly 5G Mobile Recording System Solution

Portable, wireless, and rapid-deployment solution designed for recording and live streaming of teaching, training, and campus events anytime, anywhere. Featuring a compact recording host, wireless HD cameras, and microphones, this all-in-one kit supports real-time 4G/5G streaming, intelligent scene switching, and multi-angle video capture—without the need for complex installation or manual configuration.



All-in-One Kit



Intelligent Scene Switching



Multi-Angle Capture



Portable & Easy to Deploy



Specifications

Product Model	5G Mobile Recording System Solution
Recording Host	Model: S80A – Portable encoder + controller
Wireless Camera	Model: V61W – HD/4K PTZ camera with Wi-Fi
Microphones	Wireless lavalier or handheld mic (1-2 units)
Camera Resolution Options	8MP / 13MP / 16MP / 20MP (with AF optional)
Connectivity	Wi-Fi / 4G / 5G / USB 3.0 / USB-C
Streaming Protocols	RTMP / RTSP / HLS
Control Interface	Touchscreen or web-based control panel
Recording Format	MP4 / H.265 / Local or Cloud Storage
Power Supply	AC or Battery Pack (optional)
Deployment Case	Protective flight case with equipment slots

Tenfly Educational Supporting Products

To complement our classroom recording and interactive solutions, Tenfly provides a range of supporting products, designed to create a smarter, more connected learning environment, enabling schools to achieve both efficiency and innovation.



Tenfly Visual Presenter Series

High-resolution document camera for real-time content display.



Specifications

Product Model	Visual Presenter Series — Tri-Fold Wall-Mount Version
Mounting Design	Tri-fold wall-mounted design with aluminum alloy handle and independent door lock
Camera Lens	8MP/13MP HD built-in CMOS lens (fixed-focus, optional autofocus)
Rotation & Multi-View	Software-controlled 360° gesture rotation with 16-screen comparison
Connectivity	USB 2.0 port for external connectivity
Lighting Control	Touch-sensitive fill light with adjustable dimming
Chassis Design	Eco-friendly, ultra-thin, all-metal cold-rolled steel chassis with tri-fold widened base
Optional Features	Customizable configurations available based on project needs
Control Interface	Quick capacitive touch buttons for power, photo, rotation, zoom in/out, and more



Specifications

Product Model	Visual Presenter Series — Portable Version
Mounting Design	Foldable, lightweight design with easy mobility
Camera Lens	8MP/13MP/16MP/20MP HD built-in CMOS lens (fixed-focus, autofocus)
Voice & Gesture Control	Optional voice control and gesture-based page turning
Connectivity	Wired and optional dual-channel Wi-Fi wireless connection
Display	4K/8K ultra-high-definition resolution
Chassis Design	Advanced plastic-steel construction, compact folding body
I/O Ports	USB-C, USB 3.0 with touch-sensitive fill light and dimming control
Software Functions	360° gesture rotation, recording, scanning, and image storage



Specifications

Product Model	Visual Presenter Series — Ultra-Slim Arc Wall-Mount Version
Mounting Design	Ultra-slim arc-shaped wall-mounted design with aesthetic corner texture finish
Camera Lens	5MP/8MP/13MP/16MP HD built-in CMOS lens (fixed-focus, optional autofocus)
Connectivity & Storage	USB 2.0 external interface with built-in storage compartment
Locking System	Dual locking system with elastic lock and mechanical push-twist lock
Rotation & Multi-View	Software-controlled 360° infinite gesture rotation with 16-screen comparison
Chassis Design	Advanced ABS eco-friendly material with metal structure, ultra-slim body, tray with damping design
I/O Ports	USB 3.0 detachable cable for one-line HD signal & power transmission, with built-in cable routing slots
Control Interface	Quick-sensing touch keys for freeze, photo, rotation, zoom, lighting; auto-start software with arm lift (optional)

Tenfly Smart Teaching Podium

Integrated teaching desk with touch control, AV management, and seamless connectivity.



Specifications

Product Model	Smart Teaching Podium
Touch Display Size	21.5 inch
Resolution	1920 × 1080 (Full HD)
Touch Technology	Capacitive, 10-point touch
Document Camera	5 Megapixels
Lift System	Motorized lift for display & peripherals
Audio Amplifier	Integrated high-efficiency digital amplifier
Control Access	RFID-based smart card system
Connectivity	OPS slot, USB, HDMI, Audio ports
Storage Drawer	Electronic-lock security drawer
Product Dimensions	1030 (W) x 700 (D) x 980 (H) mm
Power Supply	AC 220V
Power Consumption	≤ 100W

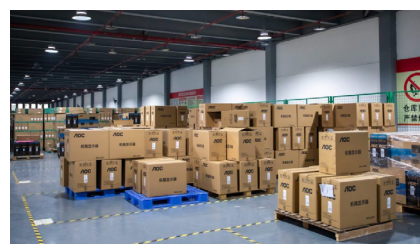
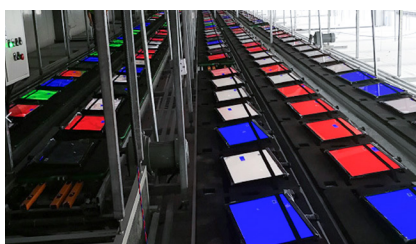
Tenfly Smart Class Signage

Intelligent class boards for scheduling, announcements, and smart campus information sharing.



Specifications

Product Model	Smart Class Signage
Display Size	10" / 13" / 15.6" / 21.5"
Screen Type	IPS Full HD (Capacitive touch optional)
Operating System	Android-based
Processor	Quad-core ARM CPU
Storage	8GB / 16GB eMMC
RFID Support	Yes - Student & teacher card compatible
Facial Recognition	Optional - with camera & AI module
Audio Output	Built-in speaker with voice broadcast
Connectivity	Ethernet, Wi-Fi (4G optional)
Power Supply	DC 12V / PoE (Power over Ethernet, optional)
Backend Access	Cloud platform + PC-based management
Mounting Method	Wall-mount / Flush-mounted



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