

Dekesi D-5560X

AI Tracking PTZ Camera — Education & Training



Key Highlights

- **AI tracking** — face recognition & intelligent motion tracking
- Auto-follows teacher as they move — **no manual operation needed**
- Distinguishes target from background movement — **prevents mis-tracking**
- **1080P Full HD** with 1/2.8" CMOS sensor, **20x optical zoom**
- Multi-interface: **3G-SDI / HDMI / USB 3.0 / LAN**
- **RTMP streaming** support for live online broadcast
- **64 preset positions** + RS-232 control + TF card storage

The **Dekesi D-5560X** is a professional AI tracking PTZ camera designed for smart classrooms, online training, and remote education environments. Featuring a 1/2.8-inch CMOS sensor with 1080P resolution and 20x optical zoom, it captures clear, detailed footage across large teaching spaces. The built-in AI tracking system supports face recognition and intelligent motion detection, automatically following the instructor as they move while distinguishing them from background activity to prevent mis-tracking. Multiple outputs — 3G-SDI, HDMI, USB 3.0, LAN — combined with RTMP live streaming, 64 preset positions, and RS-232 control make D-5560X a versatile, fully automated solution for modern educational and training facilities.

TECHNICAL SPECIFICATIONS

Model	D-5560X	Auto Frame Adjustment	Yes — Follows Subject Position
Device Type	AI Tracking PTZ Camera — Education	Preset Positions	64 Presets
Image Sensor	CMOS 1/2.8 inch	Video Output	3G-SDI / HDMI / USB 3.0
Resolution	Full HD 1080P	Network Interface	LAN
Optical Zoom	20x	RTMP Streaming	Yes — Live Broadcast Support
AI Tracking	Yes — Intelligent Human Tracking	Control Interface	RS-232
Face Recognition	Yes	Local Storage	TF Card
Motion Tracking	Yes — Multi-Target Support	Power Supply	DC 12V
Anti Mis-Tracking	Yes — Target Discrimination	Applications	Smart Classroom, Online Training, E-Learning