

One-Touch Teaching Studio

Empower ultimate classroom experiences by transforming any space into a pro broadcast studio



Teacher-friendly tools that engage students

- **Teachers can simply focus on teaching, with a worry-free AV setup that just works**

Kramer's One-Touch Teaching Studio takes real-time presentation to the next level, without adding complexity. Multiple scenarios can be preconfigured, enabling one-click activation. With the intuitive Kramer Control platform embedded in a dedicated touch panel, the presenter can move around the space freely and easily operate all the equipment in the room via a single interface.

- **Smart, auto-adjusting views keep participants' attention on speakers**

The One-Touch Teaching Studio dynamically captures all in-room activities and uses AI to recognize and track the presenter in real time. PTZ Auto-Tracking uses facial recognition to track the presenter as they move around, keeping them in focus with real-time intelligent framing. The Close-up by Gesture feature zooms the camera view according to pre-defined gestures, such as an audience member standing up to ask a question. Focus Area Cropping allows an image frame captured by a single camera to be shown on two displays simultaneously, one showing the full view and the other showing a closeup.

- **Real-time image layering makes both presenter and content visible for everyone**

Advanced AI-powered capabilities dynamically enhance visibility of

presenters and content for in-class and remote students. With Handwriting Extraction, words and diagrams written on a whiteboard or blackboard are automatically detected and displayed in real-time in front of the presenter. This gives all participants a clear view of the content even if in real-life the presenter is blocking it. The Presenter Overlay feature can place video of the presenter on top of any background image, video or presentation, or two of them together.

Professional-level presentation made simple for all

- **Simplified deployment**

Scenarios are easy to create, with no need for programming.

- **Intuitive use minimizes support calls**

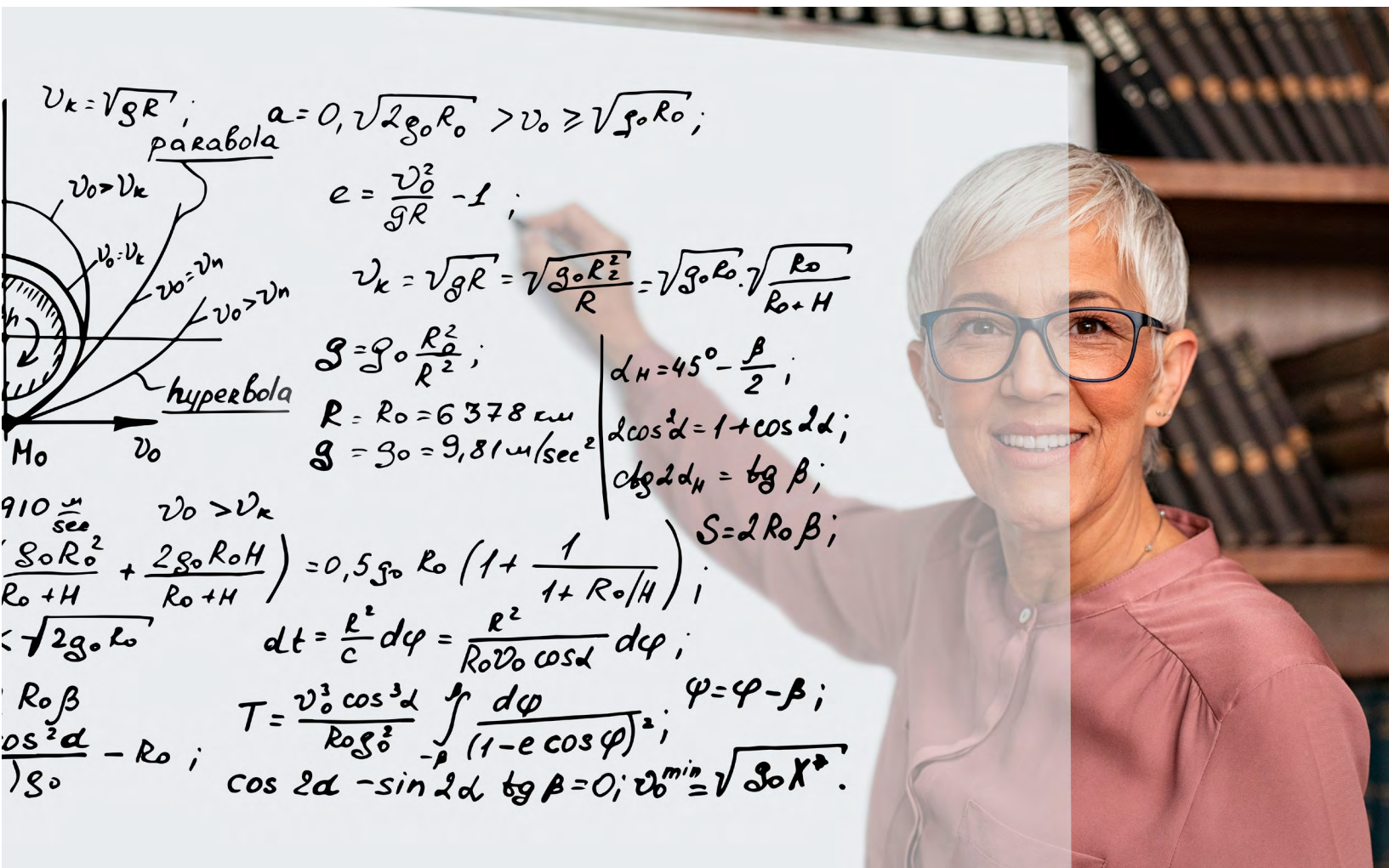
Teachers can use the preconfigured scenarios as-is or easily change them, without help from technical staff or a producer. The intuitive drag and drop Kramer Control interface enables easy control of all cameras and capabilities.

- **Works with existing infrastructure**

The One-Touch Teaching Studio can be integrated with existing PTZ cameras, audio devices, video bars, webcams and recording devices or as a new installation. It works like a virtual camera operator, with no need for additional accessories or software.

Enrich the hybrid teaching and learning experience with advanced AI-based dynamic capabilities that are easy for any presenter to use.

A pre-integrated solution from Kramer and Sony, the One-Touch Teaching Studio is based on Kramer's teaching solution and Sony's Edge presentation. It provides a complete, easy-to-deploy and simple-to-use solution that transforms engagement for virtual and hybrid audiences.



Partner with industry leaders

The various components of the Kramer One-Touch Teaching Studio are available directly from authorized Kramer and Sony resellers and are supported by the two companies' industry-leading support organizations.

KT-107



Tabletop Mount Ports	1 1000/100/10BaseT Ethernet on RJ-45 connector, 1 micro USB 2.0, 2-pin terminal block for DC power supply
On-wall Mount Ports	1 1000/100/10BaseT Ethernet on RJ-45 connector, 2-pin terminal block for DC power supply
Speakers	2x1W, 8Ω
Microphone	-42dB ±3dB @1kHz sensitivity
CPU Performance	1.6GHz Quad Core, GPU, 2GB RAM, 16GB flash
OS Software	Android
Multi Touch	10 points, 2-finger gesture Display: 7" IPS, 1280x800 RGB pixels, 16:10 aspect ratio
Video Decoding Format	HEVC/H.265, H.264, H.263, MPEG-1/2/4, VC-1, VP6/8, RV8/9/10, AVS, MVC, Sorenson Spark, M-JPEG
Video Encoding Format	H.264, MVC, VP8, M-JPEG
Ethernet Port	10/100/1000Mbps PoE LAN
Wireless Communication	Wi-Fi 802.11 b/g/n/ac, Bluetooth 4.0. KT-107RB – 5GHz
Camera	Front, 2M pixels, HD 720p
Battery	Rechargeable, supports up to 3 hours of Wi-Fi operation
Controls	Hidden Reset button, power button (ON/OFF), volume up button.
Touch panel status LED	flashes green during charging, steady green for fully charged, red for camera on
Power Inputs	Power over Ethernet

SL-240



Bidirectional Ports	4 RS-232 serial on 3-pin terminal blocks, 4 GPI/O on 2-pin terminal blocks, 1 Ethernet on a RJ-45 connector, 1 mini-USB connector for firmware upgrade
Inputs	1 built-in IR sensor (for learning)
Outputs	4 IR out and 4 relays on 2-pin terminal block connectors
Indicators	LED indicator for each port and function
Processor Speed	1GHz
Memory	512MB RAM, 4GB Flash
Power Consumption	5V DC, 2A
Power Source	PoE

REA-C1000 Edge



Handwriting Extraction	REA-LO100 License Included
PTZ Auto Tracking	REA-LO200 License Included
Close-up by Gesture	REA-LO300 License Included
Chromakey-less CG Overlay	REA-LO400 License Included
Focus Area Cropping	REA-LO500 License Included
Fixed Area Cropping	Crop the static area of the whole view at once.
Intuitive Web based User Interface	Supports Google Chrome Ver. 70 or later.
HDMI IN 1	Up to 4K 30p (3840×2160 / 29.97P, 25P)
HDMI IN 2	Up to FHD 60p (1920×1080 / 59.94P, 50P)
HDMI OUT 1	[EDID] : Automatically determine and output a video image that is compatible with the connected output device. Up to 4K 30p (3840×2160 / 29.97P, 25P)
HDMI OUT 2	[EDID] : Up to FHD 60p (1920×1080 / 59.94P, 50P)
Network (LAN)	RJ-45 (1000BASE-T)
DC power input	12V5A
MIC IN	Stereo, ø3.5 mm mini jack
HDMI Embedded Audio	Supported
RTSP, RTMP streaming	H.264 (Up to 1920 30P)
IPv4, IPv6	Internet Protocol version
Role-based Authorization	Access permissions of one administrator and nine general users
Access Restrict	Configure the security function to restrict the computers that can access the unit
Dimension / Mass	Height: 97mm , Width: 141mm , Depth: 91mm / Approx. 0.85kg
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)

About Kramer

Kramer audio visual experiences power creativity, collaboration, and engagement. From AVSM to advanced cloud-based communication, collaboration and control solutions, Kramer technology breaks down walls, bridges gaps, and makes people feel closer together even when they're far apart.

kramerav.com/partnerships/sony

About Sony

Sony Professional Displays & Solutions is part of Sony Corporation and exists to help customers to truly live their vision, by unleashing the incredible power of images. With a winning combination of innovative technology and long-standing expertise, Sony partners with corporate businesses of all sizes and education institutions to deliver transformational customer solutions. Operating with over 40 years' experience and a trusted network of established technology partners, the wide Sony portfolio of knowledge, products and services propositions provides true value to businesses and informs, educates and inspires their customers.

pro.sony



SONY®