

TRACKVIEW™ PATENT PENDING

Automated Camera Tracking and Preset Control System

Figure 1: Front and Back Panels of Vaddio TrackVIEW System Controller



The Vaddio TrackVIEW (patent pending) camera control system was designed to provide system integrators with an easy to operate, fully featured and ultra flexible, multiple-mode camera tracking system. The TrackVIEW is a two camera presenter control system that incorporates both motion based camera tracking and camera preset tracking in one system and has many unique features that enhance the automatic aspects of presenter actuated control systems. The overall value and capability of the TrackVIEW is unmatched in today's camera control market.

TECHNICAL FEATURES

- **Motion Tracking or Preset Tracking or Both**

The system uses two PTZ cameras, motion-tracking technology and Vaddio's preset camera control technology. This combination of technologies, when on, allows the presenter to stay on camera as they walk between preset camera shots. Motion tracking can be disabled providing for only triggered preset tracking and preset tracking can be disabled allowing for only motion tracking.

- **Two Camera System**

The TrackVIEW was designed to use two PTZ cameras. For the Sony systems, the Sony EVI-D70 is used for the reference camera and the tracking camera can be the Sony EVI-D70, EVI-D100 or EVI-HD1. All cameras are equipped with the Vaddio EZCamera™ cabling system for Cat. 5 connectivity.

- **Programming and Presets**

The system has five single preset triggers that can be any combination of up to five AutoVIEW IR sensors or StepVIEW presence sensing mats. In addition, up to ten more multi-step presets can be programmed for wider shots when multiple presenters are working together.

- **First Step, Last Step and Multi-Step Modes**

When using the TrackVIEW in Preset Tracking mode, the unit can be set-up to respond to the first trigger using the AutoVIEW™ IR or StepVIEW™, the last trigger or a combination of triggers. The multi-step mode is commonly used with multiple presenters where two triggers can be programmed into a wide shot to pick up a larger area.

- **IR Remote Controller**

The system employs a multi-function IR remote controller which can be used to easily set up the system preset programming and control the attached PTZ Cameras.

- **Built-in EZCamera Cabling System Quick-Connect™ Box**

When using the EVI-D70 or EVI-D100 as reference and tracking cameras, the system has built-in Quick-Connect boxes for running power and video over a single Cat. 5 cable. When using the EVI-HD1 as the Tracking camera, the external Quick-Connect PRO System and camera interface are part of the system.

TECHNICAL FEATURES (CONTINUED)

- **PowerRite™ Power Supply**

The power supply is sized to power the five triggers (AutoVIEW IR and StepVIEW triggers) and two EVI-D70 (or EVI-D100) PTZ cameras. The inputs also have a 15V/18V power selection switch for Cat. 5 power/video cable runs over 75' (22.86m) - 18V is used Cat. 5 cable lengths over 75'. If the EVI-HD1 is used as the tracking camera, the Quick-Connect PRO system and camera interface are powered by an external 36VDC power supply.

- **USB Connection for System Set-up and Software**

The system set-up port is on a USB connection to eliminate the need for the installer to find a laptop with a DB-9 RS-232 port. The system software is intuitive and easy to use to maximize system performance and provide for quick set-ups.

WHAT'S INCLUDED

TrackVIEW 100

TrackVIEW Kit with both Tracking and Reference Cameras for Smaller Rooms - Part #999-7000-100

- One (1) – Vaddio TrackVIEW Controller, IR Remote, Power Supply, Rack Ears and System Set-up Software Disc
- One (1) – Vaddio EVI-D70 PTZCam with EZCamera Shoe and Wide Angle Lens (reference camera)
- One (1) – Vaddio EVI-D100 PTZCam (10X optical zoom) with EZCamera Shoe & Vaddio IR Remote Commander (tracking camera)
- One (1) – Vaddio Dual Camera Mount for Dual Model 70 (70/70 configuration)
- USB Cable

TrackVIEW 70

TrackVIEW Kit with both Tracking and Reference Cameras - Part #999-7000-070

- One (1) – Vaddio TrackVIEW Controller, IR Remote, Power Supply, Rack Ears and System Set-up Software Disc
- One (1) – Vaddio EVI-D70 PTZCam with EZCamera Shoe and Wide Angle Lens (reference camera)
- One (1) – Vaddio EVI-D70 PTZCam with EZCamera Shoe and Vaddio IR Remote Commander (tracking camera)
- One (1) – Vaddio Dual Camera Mount for Dual Model 70 (70/70 configuration)
- USB Cable

TrackVIEW HD1

TrackVIEW Kit with EVI-HD1 Tracking Camera and Model 70 Reference Camera - Part # 999-7000-630

- One (1) – Vaddio TrackVIEW Controller, IR Remote, Power Supply, Rack Ears and System Set-up Software Disc
- One (1) – Vaddio EVI-D70 PTZCam with EZCamera Shoe and Wide Angle Lens (reference camera)
- One (1) – Vaddio EVI-HD1 PTZCam with Quick-Connect PRO and EZIM, IR Remote Control, 36VDC Power Supply, (tracking camera)
- Vaddio Camera Mounts
- USB Cable

TECHNICAL SPECIFICATIONS

TrackVIEW Technical Specifications	
Reference Camera	Sony EVI-D70
Cameras Compatible (tracking camera):	Vaddio, Sony Sony EVI-D100 with the Vaddio EZCamera Cabling Shoe Sony EVI-D70 with the Vaddio EZCamera Cabling Shoe Sony EVI-HD1 with Quick-Connect PRO and EZIM System
Video Formats Supported:	NTSC and PAL
Video Inputs	Two (2) (reference and tracking camera inputs)
Video Outputs:	Two (2) Composite (BNC) and Two (2) Y/C (4-pin mini) for both reference and tracking cameras
System Set-up Port:	DB-9 Serial Port or USB
Control Interfaces:	One (1) RS-232 on DB-9 for control systems & One (1) RS-232 Aux. Out for control system through
PowerRite Power Supply	5.5A, 18VDC
Camera Presets (discrete):	Five (5) – any combination of up to 5 AutoVIEW IR Sensors or StepVIEW Mats – Auto-Sensing
Combination Presets (multi-step mode)	Additional ten (10) combination presets can be set-up when two triggers are activated in Multi-Step mode
Weight:	3 lbs. (1.36kg) (controller only est.)
Dimensions (H x W x D):	3.5" (8.89cm) x 19-1/8" (48.58cm) (with rack ears) x 6" (15.24cm)