Tech Spec

PCC Premier

Precision Camera Controller

Local RS-232 and Virtualized IP Camera Control

North America: 999-5750-000
International: 999-5750-001

Features

Full control of up to 16 PTZ cameras (2 groups of 8 each) at a time:

- Up to 8 PTZ cameras via wired RS-232 connection
- Virtually connect up to 16 RoboSHOT or ClearSHOT cameras at a time, anywhere on the IP network
- Vaddio's CCU scene macros and full preset store/recall functions
- Internal H.264 decoder and courtesy HDMI output to monitor the IP stream of the selected remote camera

Precision controls for the most demanding camera operation environments:

- Three-axis Hall effect joystick
- Pan, tilt, and zoom speed control knobs
- Illuminated pushbuttons for camera selection
- Large knobs for fine focus control and menu navigation, with push-to-select function

Intuitive camera access and addressing through powerful console and web interfaces:

- Full camera image controls via easy-to-read 7 in. touch-panel interface
- Web interface for complete administrative control from anywhere, using your browser
- Store up to 11 camera groups in the Address Book - 10 IP and/or RS-232 control, plus one predefined RS-232-only group
- Individual control of all cameras in any two camera groups for immediate control of up to 16 cameras at a time

Versatile power solution using PoE+ (Power over Ethernet)

Connector Panel

From left to right:

Ethernet/PoE+ connector – PoE+ Gigabit Ethernet port provides access to the controller's web interface and to cameras on the network, and powers the controller.

HDMI connector – Monitor the camera you are currently controlling. Video can only be displayed for cameras with IP streaming capability.
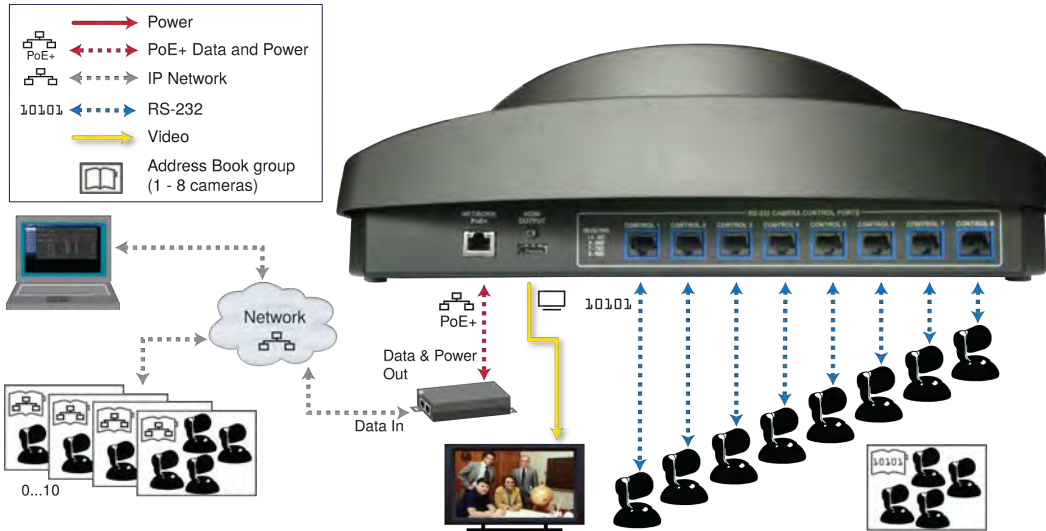
RS-232 ports – Connect up to 8 cameras locally.

What's Included

Each PCC Premier is shipped with these items:

- PCC Premier Precision Camera Controller
- Mid-span PoE+ power injector with AC cord set(s)
- Cat-5e patch cable, 10 ft (3 m)
- Quick Start Guide

Basic Connection Diagram

Specifications

Camera Management and Video Output

Control via RS-232	Up to 8 cameras 1 address book group	Control via IP network	Up to 80 cameras 10 address book groups
Image Control Parameters	■ Iris, Iris Gain ■ Backlight compensation ■ Red Gain, Blue Gain ■ Detail, Chroma, Gamma ■ Auto White Balance/One-Push White Balance	**HDMI Output** **IP streaming decoder**: H.264 **Protocol** : RTSP **Supported HDMI display resolutions**: 1080p/60, 1080p/50, 720p/60, 720p/50	

Hardware

System I/O	■ 8 RS-232 camera control ports on RJ-45 connectors ■ Gigabit Ethernet port with PoE+ support ■ HDMI output
Control console	■ 7" capacitive touch panel display – Camera presets and administrative menu ■ Illuminated rotary knobs – Focus (control, auto/manual) and Menu (display panel navigation) ■ Rotary knobs – Pan, tilt, and zoom speed ■ Illuminated pushbuttons – Group A and Group B camera selection ■ 3-axis Hall effect joystick, single-button – Pan, tilt, and zoom

Power, Physical and Environmental

Power Requirements	PoE+ (Power over Ethernet)	Power Consumption	< 25W
Height	5.125 in. (12.6 cm)	Operating temperature	0° to +40°C (32° to 104°F)
Width	17 in. (43.2 cm)	Operating humidity	20% to 80% RH
Depth	11 in. (27.9 cm)	Storage temperature	-5° to +60° C (23° to 140°F)
Weight	7.0 lb (3.18 kg)	Storage humidity	20% to 80% RH

Specifications are subject to change without notice.