

Porta Systems distributed video system is a unique design that transmits up to four (4) independent CCTV video signals over a single four (4) pair CAT5 or better UTP cable. The distributed video kit supplies four (4) CCTV video baluns that allow up to four (4) cameras to be “daisy chained” together.

A balun hub is required at the head-end to receive video from the field.

FEATURES & BENEFITS

- Allows up to four (4) CCTV video signals to transmit over one four (4) pair cable at multiple break-out points
- Built-in switches allow the user to select which pair will feed each camera
- RJ45 Termination inputs and outputs eliminate the need for stripping and separating wire pairs.
- Passes video signals up to 1,000 ft maximum over CAT3 to better UTP cable
- Built-in common-mode surge protection and ground loop isolation
- Patent pending



Applications

- Transmit video signal from four (4) fixed cameras in four (4) separate locations over a single 4-pair cable using only RJ45 terminated cables.
- Provide surge protection for camera equipment.

Wire and Cable Configuration

One (1) female BNC connector for input from camera

Two (2) RJ45 receptacles for unshielded twisted pair (UTP) cable

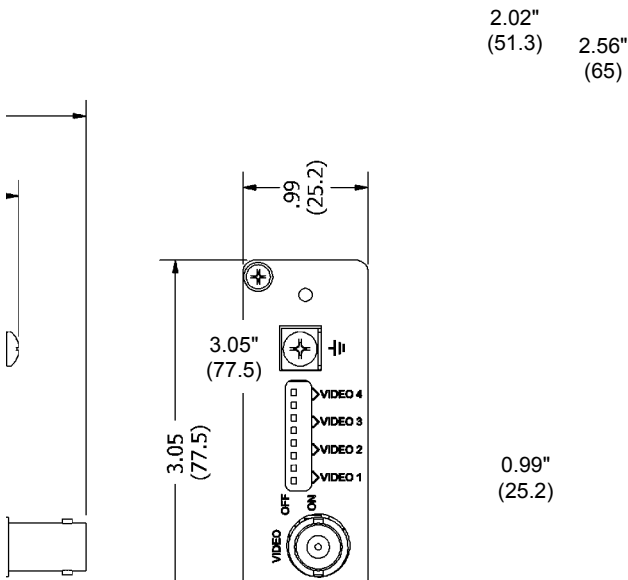
One screw (22AWG thru 14AWG) serves as the grounding point for the protection system

ORDERING INFORMATION

Model No.	Description
PS-211-DVB	One (1) CCTV Distributed Video Balun
PS-211-DVB4	Kit of Four (4) CCTV Distributed Video Baluns

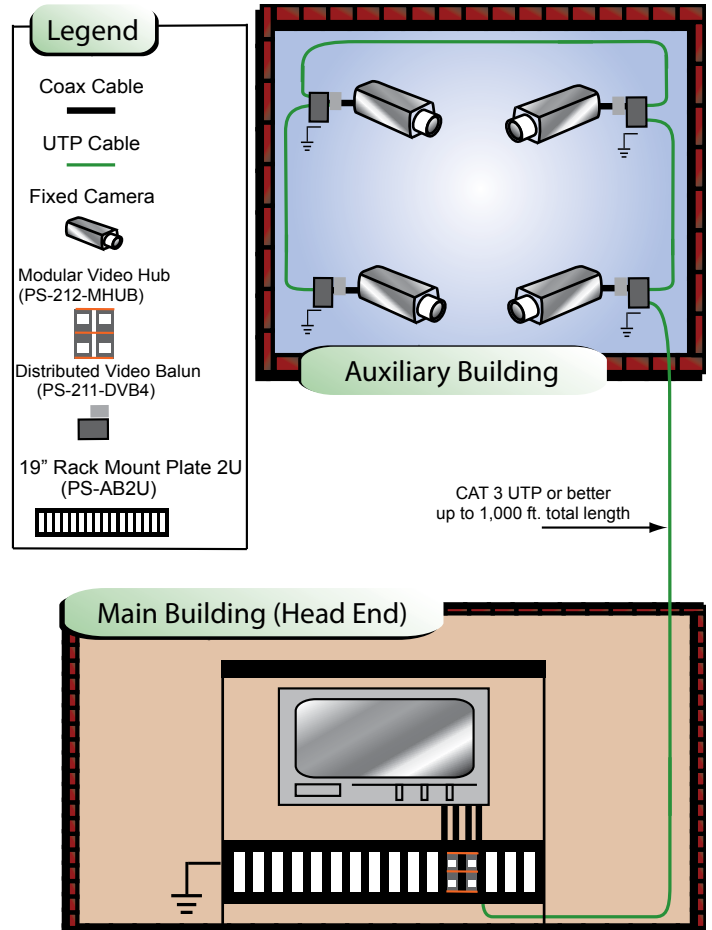
MECHANICAL SPECIFICATIONS:

millimeters ()



Weight (approx.)	Operating Temperature	Relative Humidity
2 pounds 907 g	5°F to 113°F -15°C to 45°C	98% RH max non-condensing

APPLICATION EXAMPLE:



Electrical Specifications

Frequency:	20 Hz to 10 MHz	Insertion Loss:	0.3 dB
Common Mode Rejection:	>50 dB (Typical)		
Power:	Not required	UTP Category:	>3
Connection Method (In/Out):	BNC (F)/RJ45	Max Surge Current:	220A
DC Breakdown Voltage:	6.8VDC	Nominal Working Voltage:	5VDC
Impedance:	Coax Cable - 75Ω	Impedance:	UTP - 100Ω
Response Time:	<5 ns	Max Distance (UTP):	1000 ft (305m)