Canon XU-80 Remote Control PTZ Cameras

- ## XU-80W Remote Control PTZ Camera Head with Wiper and Remote Controlled ND Filter
  999-4180-000W - North America & 999-4180-001W - International

- ## XU-80 Remote PTZ Camera
  999-4180-000 - North America & 999-4180-001 - International

XU-80W   **XU-80**

What's included with the Canon XU-80W with Remote Controlled Wiper and ND Filter

Canon XU-80W - North America
Part Number: 999-4180-000W
One (1) Canon XU-80W Camera
One (1) Rear Panel Connector Boot
One (1) 12VDC 3.0A Power Supply
One (1) North American Power Cable
One (1) Control Adapter
One (1) Canon Operation Manual and Installation Manual
One (1) Vaddio Quick-Start Guide

Canon XU-80W - International
Part Number: 999-4180-001W
One (1) Canon XU-80W Camera
One (1) Rear Panel Connector Boot
One (1) 12VDC 3.0A Power Supply
One (1) Euro Power Cord
One (1) UK Power Cord
One (1) Control Adapter
One (1) Canon Operation Manual and Installation Manual
One (1) Vaddio Quick-Start Guide

What's included with the Canon XU-80 Remote PTZ Camera (no wiper)

Canon XU-80 - North America
Part Number: 999-4180-000
One (1) Canon XU-80 Camera
One (1) Rear Panel Connector Boot
One (1) 12VDC 3.0A Power Supply
One (1) North American Power Cable
One (1) Control Adapter
One (1) Canon Operation Manual and Installation Manual
One (1) Vaddio Quick-Start Guide

Canon XU-80 - International
Part Number: 999-4180-001
One (1) Canon XU-80 Camera
One (1) Rear Panel Connector Boot
One (1) 12VDC 3.0A Power Supply
One (1) Euro Power Cord
One (1) 6' UK Power Cord
One (1) Control Adapter
One (1) Canon Operation Manual and Installation Manual
One (1) Vaddio Quick-Start Guide

Overview

The XU-80 has a single 1/3-inch CMOS imaging sensor with 2.1 Megapixels. Using a Canon 20x HD Zoom Lens, it captures exceptional, high-quality images in full-HD format. Dynamic Range Compensation allows for shooting in environments with a high contrast of light and shade. The XU-80 incorporates high operability optimized for broadcast applications. The camera head pans and tilts very smoothly while simultaneously zooming, allowing for on-air movements similar to manually-operated cameras. The XU-80 has an HD-SDI output, the standard in the broadcast market, which enables it to provide high-quality video at distances up to 100m (328.084123').

Both the XU-80W and the XU-80 are dustproof and waterproof with an IP55 enclosure rating. Both cameras support upright or inverted mounting and the picture will automatically flip when the tilt angle reaches 90 degrees. The user can select between 1080i and 720p output modes as well as switch between RS-422 and RS-232 for control.

INTENDED USE

Before installing the Camera, please read the manuals thoroughly. Use only the Vaddio PowerRite power supply provided with the XU-80 or XU-80W. Use of any unauthorized power supply will void any and all warranties.

IMPORTANT SAFEGUARDS

Read and understand all instructions before using. Do not operate any electrical device if it has been dropped or damaged. In this case, a Vaddio technician must examine the product before operating. To reduce the risk of electric shock, do not immerse in water or other liquids and avoid extremely humid conditions.

> Please do not use "pass-thru" type RJ-45 connectors. These pass-thru type connectors do not work well for professional installations and can be the cause of intermittent connections which can result in the RS-232 control line failing and locking up, and/or compromising the HSDS™ differential video. For best results please use standard RJ-45 connectors and test all cables for proper pin-out prior to termination.

SAVE THESE INSTRUCTIONS
The information contained in this manual will help you install the Canon BU Series cameras. For reference, Vaddio keeps copies of Specifications, Installation and User Guides and most pertinent product drawings for the Vaddio product line on the website. These documents can be downloaded from vaddio.com

INFORMATION
Please see the full-length Technical Manual for the XU-80 and XU-80W cameras. These manuals can be found either on the Vaddio or Canon websites. Vaddio has also prepared a number of Tech Notes, specifications and drawings designed to inform and educate integrators on the value and the specific uses of Vaddio products.

Basic Connectivity Diagrams:
Diagram 1: Canon XU-80W with Vaddio ProductionVIEW Precision Camera Controller and CCU Image Controller
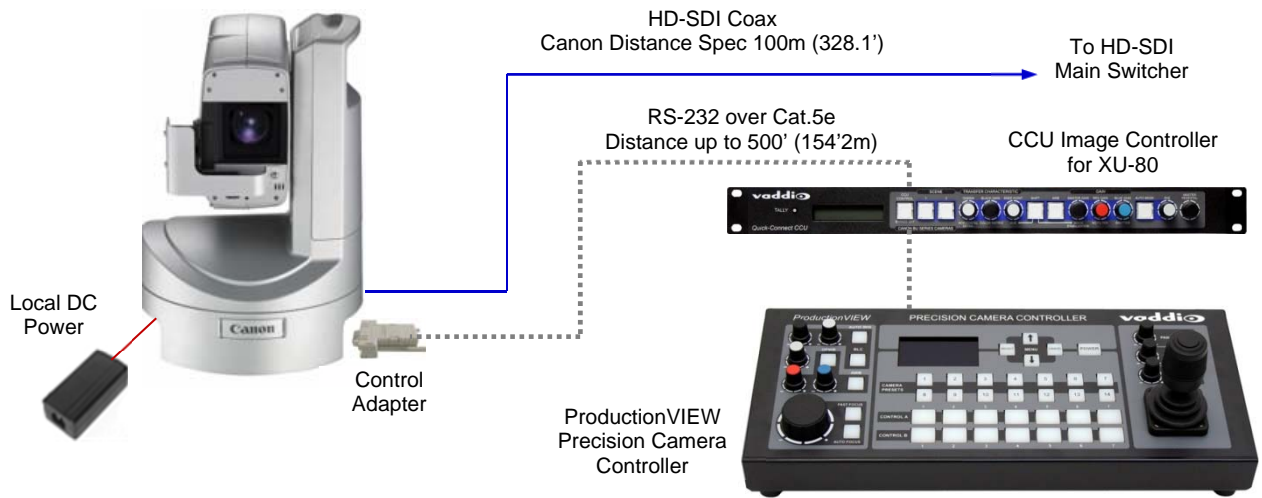

Diagram 2: Canon XU-80 Vaddio ProductionVIEW HD-SDI MV (Multiviewer) Switcher/Controller and CCU Image Controller