DXW-2E Architectural Specification

DXW-2E Wall Plate:

The DXW-2 wall plate shall fit into a 2-gang low-voltage electrical box and be no thicker than 1.4" deep. The unit shall accept up to 2 simultaneous Video and Audio connections consisting of HDMI and VGA/Component/Composite signals. These signals shall auto switch when connected or be selectable via easy to navigate front panel lighted switches or via RS232 control from 3rd party controllers. HDCP shall be supported and wall plate must have the ability to turn off HDCP hand-shaking at the input for proper use with non-HDCP encrypted sources. The unit shall be able to provide a 10/100baseT connection on the front of the panel for a PC or other networkable device to easily connect. The output from the wall plate shall be a single CAT5e/6/6a shielded or un-shielded cable incorporating HDBaseT standards and shall be able to extend input signals reliably over 330ft with a max distance of 600ft with a max resolution of up to 1080P 60Hz. This cable shall **not** extrude straight out from the rear eliminating need for cable bend in back box. The unit shall have an Infra-Red (IR) receiver on the front allowing it to pass IR signals over the HDBaseT CAT cable to the Receiver unit for Control of displays or other IR controllable devices. The unit shall have a rear bidirectional serial RS232 connection for interfacing with a control system. RS232 control must also be able to pass over the CAT output to the Receiver side for Display (or other serial device) control. Unit shall provide 5v DC power to the 3rd party Serial controller. Unit shall incorporate Flex Power™ allowing it to be powered from either remote receiver location from a single power supply or via a PoE connection on the receiver. The unit shall also be able to be locally powered directly on rear of unit if desired. Front of wall plate shall be aesthetically pleasing and fit with standard decora® faceplates. Unit shall come in Black or White and be paintable if need be.

DXW-2E Specifications:

Video	
HDMI Compliance	HDMI 3D
HDCP Compliant	Yes
Distance	330ft over one CAT 5e/6/7 cable (1080p 60Hz 48bit),500ft over one CAT 6 cable (1080p 60Hz 24bit),600ft over one CAT 6a cable (1080p 60Hz 24bit)
Max Resolution	4K x 2K
Color Depth	48bit
Connectors	
Digital Video	(1) HDMI in with 3.5mm TRS audio for DVI
Analog Video	(1) VGA in with 3.5mm TRS audio for DVI,Can be used for YPbPr/S-Video/Composite with optional break out cables
Data	(1) Ethernet port for network pass-through (10/100BaseT)
Control	
IR	IR pass through for controlling remote devices
Serial	Capable of being controlled remotely through compatible receiver
Physical & Power	
Dimensions	2 Gang 3.728" x 4.331" x 1.404" Note: Wall box portion depth 1.04"
Weight	0.5lbs
Power	24VDC & PoH