



DP, KVM and Audio Extender Over Cat5e/6

DPX-Plus

Extra Long Range DisplayPort, USB Keyboard and Mouse, RS-232 and Audio Extender

Extend DP video, USB Keyboard and Mouse, and RS-232 up to 328 feet (100m) over a single CAT5/5e/6 cable

OVERVIEW

Using HDBaseT technology, the DPX-Plus DisplayPort extender is capable of sending a DP signal up to 328 feet (100m) over a single conventional and inexpensive CAT5/5e/6 cable. HDBaseT technology is superior to standard extenders that require a special CAT6 shielded cable to go a short distance. The DPX-Plus also has USB keyboard and mouse, and RS-232 extension, giving users the ability to control displays or devices remotely.

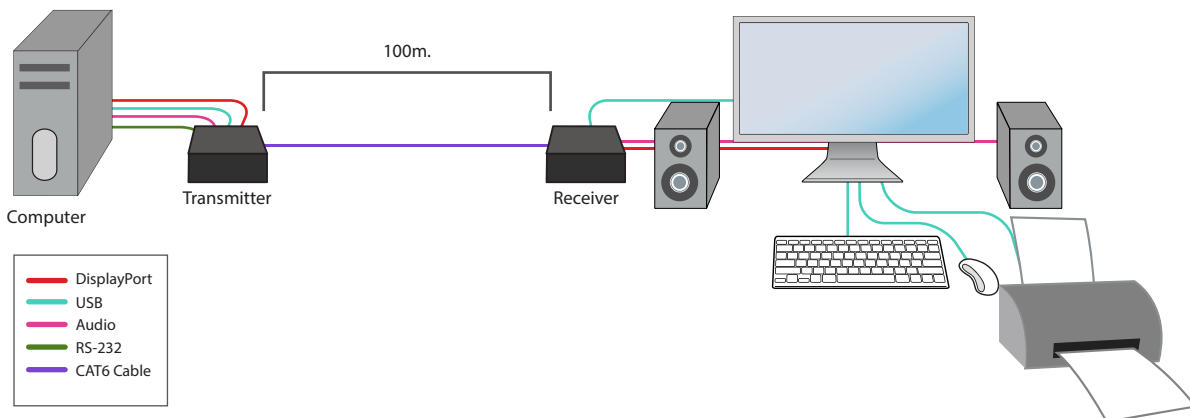
FEATURES

- Extend DisplayPort signals up to 328 feet (100m)
- Data recovery for digital video
- Supports 1080p (1920x1200 @ 60Hz)
- Supports up to 4K (3840x2160 @ 30Hz) video resolution
- Automatic DDC Learning via AUX
- USB Keyboard and Mouse
- Uncompressed Video using HDBaseT
- Supports RS-232 extension
- External power adapter for transmitter and receiver unit
- Supports SST only (no MST support)
- Plug-and-play ready

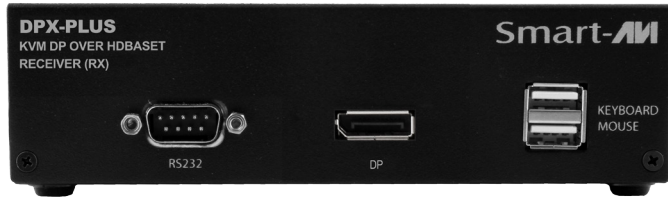
APPLICATIONS

- Digital Signage
- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio
- PC KVM Extension

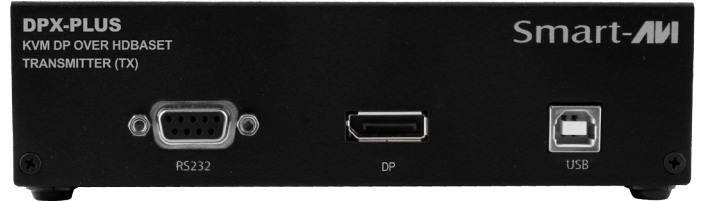
APPLICATION DIAGRAM



SPECIFICATIONS



DPX-Plus-RX Front



DPX-Plus-TX Front



DPX-Plus-RX Back



DPX-Plus-TX Back

VIDEO	
Format	DisplayPort 1.2
Input Interface (TX)	(1) DP female
Output Interface (RX)	(1) DP female
Max. Resolution	Up to 4K (3840x2160 @ 30Hz)
DDC	via AUX
Input Equalization	Automatic
Input Cable Length	Up to 15 ft.
Output Cable Length	Up to 15 ft.
USB	
Signal Type	OHCI/UHCI (USB 1.1)
Input Interface (TX)	(1) USB Type B (Female)
Output Interface (RX)	(2) USB Type A (Female)

RS-232	
Input Interface (TX)	DB9 (Female)
Output Interface (RX)	DB9 (Female)
Speed	@ 115 Kbps
OTHER	
Power	External 100-240 VAC/5VDC3A
Dimensions	8.25 in W x 1 in H x 3.625 in D
Weight	1 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

Part No.	Description
DPX-Plus-S	DP + USB + RS-232 Extender Includes: [DPX-Plus-TX, DPX-Plus-RX, 2x (PS5VDC3A)]

 Designed and Manufactured in the USA

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