

Features

- Operate cameras on plain singlemode fiber
- Take advantage of installed fiber backbones
- Extend distance without sacrificing performance
- Plug & Play operation
- Carry less hybrid cable
- Choice of optical connectors
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- Can provide power for cameras up to 1km
- Supports HD cameras from Sony, Ikegami, Hitachi and Grass Valley
- Optional optical repeating/remapping
- Rugged Design
- SEVEN year warranty

Applications

- Remote broadcasting
- Sports
- Shared control rooms
- Campus facilities
- Arenas and stadiums



Don't let your copper cables limit where you put your cameras. The SMPTE-HUT extends and saves weight, time and money!

The new SMPTE-HUT system is a universal camera transceiver designed to free cameras from the limitations of hybrid cabling. Not only will you achieve transmission distances that are simply impossible over hybrid copper/fiber cables, you will also benefit from the absence of RF, EMI and grounding issues, faster set and strike times and lighter OB Vans, B-units and cable shipments.

This plug and play system can be used both as a passive, unpowered system where local power must be supplied to the camera head or as a powered system where the camera-end device actually powers the camera head over up to 1000m of 14mm SMPTE hybrid cable. With either powering scheme, at the CCU end is a small adapter that accepts the hybrid cable from the CCU.

There are two types of powered HUTs, the

3000 and the 3000+. For most customers the standard 3000 will do. But for users who have long lenses and other power consuming accessories, the 300+ will provide the extra power. Between the units can be up to 10km of two singlemode fibers either within tactical cables or within an installed fiber backbone.

The system works by “tricking” the CCU into seeing a physical copper connection between it and the camera. And since the system is optically passive, the two fibers can be routed through our EOS-4000 Optical Router or CWDM multiplexed with our FS-6000 for up to three camera systems on just one fiber.

The SMPTE-HUT system. Extend the range of your HD camera systems, reduce weight and save time and money.

Designed and manufactured in New York.

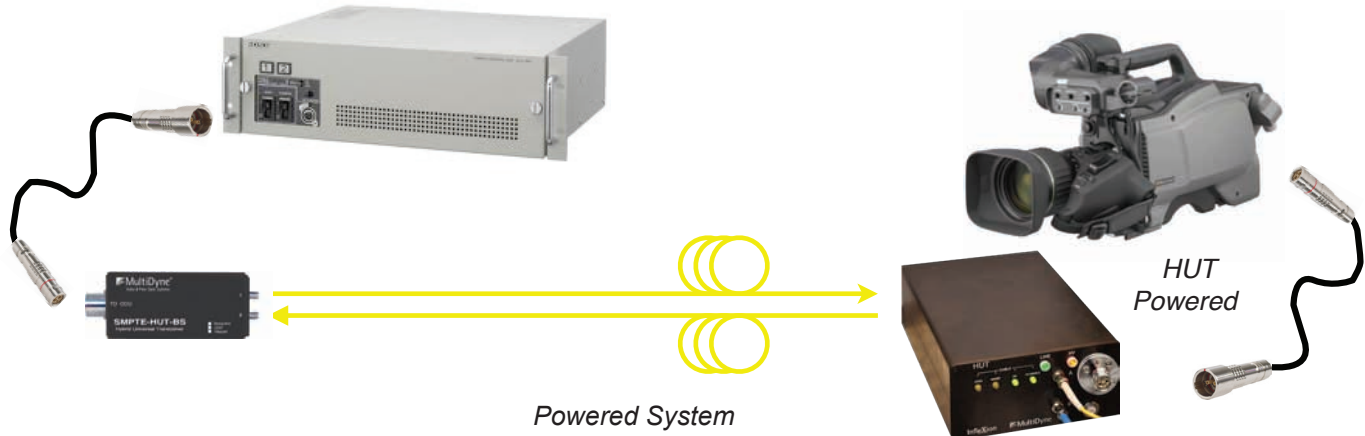
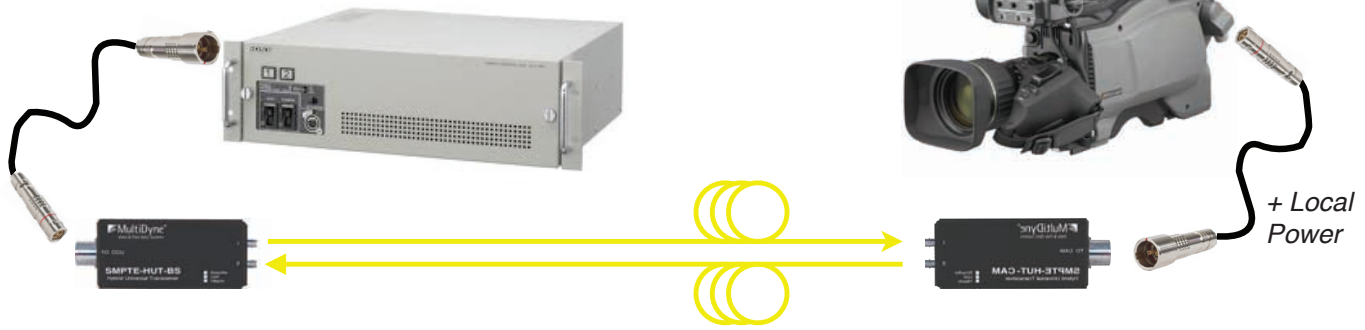
Sony	HDC: 1000, 1400, 1450, 1500 & 1550 w/HDCU1000/1500. 3300 w/HDCU3300 HDC: 700, 750, 900, 950 w/ CCU900
Ikegami	HDK: -75EX, -79E, -79EC, -79EX, 79EXIII, 790E, 790-EXIII, -725(P), -727(P) with CCU-790, 790A and 890
Hitachi	CH-HD1000, CH-HD500
GVG	LDK-6000, LDK-8000
Panasonic	AK-HC3500

Supported Camera Systems



Applications

Passive System



Specifications

Optical

Connectors: 2 ST, LC, or SC & Neutrik, Lemo or Fischer hybrid connector

These systems are optically "passive" meaning that we are simply passing the optical signals through our system without manipulation

Hybrid Cable Length Supported

Up to 1km of 14mm Hybrid cable

Mechanical Dimensions

HUT-BS	7 x 2 x 2.5	1 lb.
HUT-C	7 x 2 x 2.5	1 lb.
HUT-C-300	5.5 x 9 x 2.5	9 lbs.
HUT-C-300+	5.5 x 9 x 2.5	15 lbs.

Electrical (for HUT-C-300)

Connector: IEC
 Input Voltage: 100-240 VAC
 Power: <20 watts
 Output Voltage: Variable (cam dependent)
 Output Load: 160 or 250 VA

Environmental

Temperature: 0 to +70C
 Humidity: 0 to 95%RH, non-condensing

** Note that the length of hybrid cable that can be supported between the Powered HUT and the camera is a function of many variables including thickness of the hybrid cable, number of connections, number and current draw of camera accessories and lens size/type/servo.

Ordering Information

	Specify ST, SC or LC single fiber connectors and Neutrik, Lemo 304M or Fischer hybrid connectors
SMPTE-HUT-BS-ST	SMPTE-HUT, CCU Side, Portable, Hybrid cable in, 2 singlemode fibers out
SMPTE-HUT-C-ST	SMPTE-HUT Camera side, Portable, 2 singlemode fibers in - hybrid cable out. Must locally power camera head
SMPTE-HUT-C-300-ST	SMPTE-HUT Camera side, Portable, 2 singlemode fibers in - hybrid cable out. Provides power to camera and supports up to 1km of 14mm Hybrid cable
SMPTE-HUT-C-300+-ST	SMPTE-HUT Camera side, Portable, 2 singlemode fibers in - hybrid cable out. Provides power to camera and supports up to 1km of 14mm Hybrid cable. For Cameras with longer lenses and/or multiple
Accessories	



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