

NTxx23-Sony Integrated Wireless Transmitter



> Applications

- Mobile HD Transmission for DENG (Digital Electronic News Gathering)
- OB Applications
- Live Events
- Studio Applications

> Features

- Side Panel for Sony HDC-2400 and HDC-2500
- up to 1080p/60 support
- MPEG2 and H.264 (MPEG-4)(user selected)
- One-Frame Latency (End-to-End)
- COFDM 2k Transmission
- Full Camera Remote Control with original Sony RCP
- Control of Transmitter via Viewfinder Menu
- 200 mW RF out
- Frequency Range
1.95 to 7.4 GHz (Subdivided)*

*different models

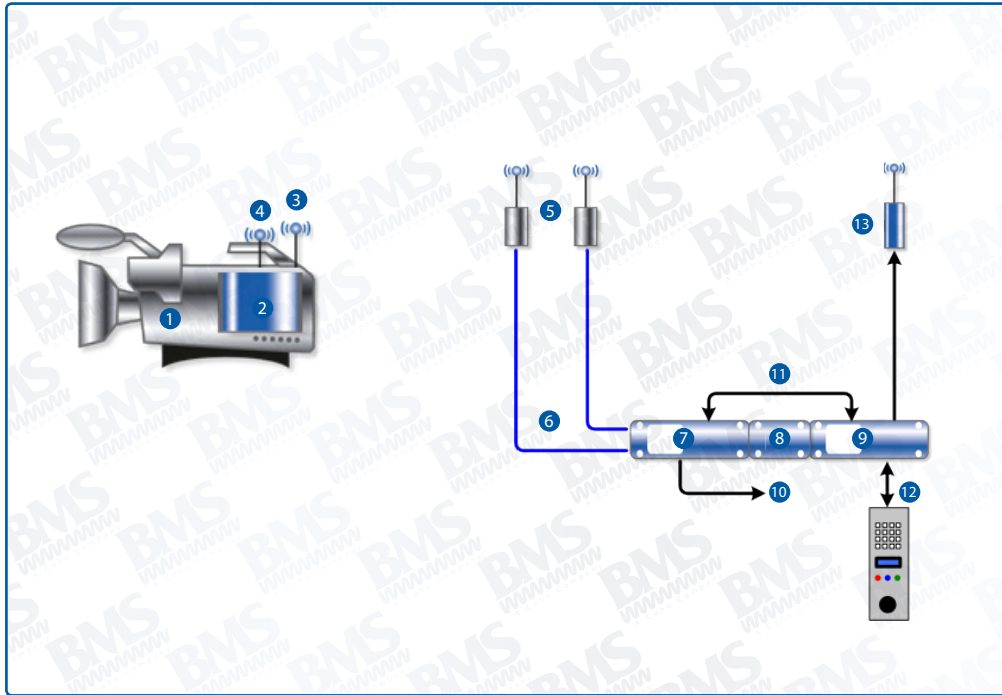
> Performance

The NTxx23-Sony is the no-compromise HD wireless side panel transmitter solution for Sony HDC-2400 or HDC-2500 HD camera series from BMS. The ground breaking NTxx23-Sony affords cutting edge technology supporting many revolutionary features to provide the closest alternative to a wired HD camera that you will find in the original Sony side panel.

Users will benefit from the simple and efficient "dual use capability" of the Sony HDC 2xxx series - quickly changing the system from a Triax camera into a wireless camera (less than 3minutes) without compromising video quality, latency or weight.

The transmitter is 100% compatible with the full range of BMS receiver products and can be used in conjunction with the full portfolio of BMS or 3rd party HD receive solutions supporting the DVB-T standard.

> NTxx23-Sony



Description

1	Camera
2	NTxx23-Sony
3	TX Antenna RF
4	RX Antenna UHF
5	RX Antenna RF and Downconverter
6	UHF Cable
7	Receiver
8	Power Supply
9	Sony Remote Unit
10	Signal Output HD-SDI
11	Data Cable
12	Original Sony RCP
13	UHF Data TX for Remote control

> Uniqueness

The NTxx23-Sony continues to offer the best performance in a very small housing. This HD transmitter has an output power of 200mW which is unique in such a small size and minimum cooling.

Inputs / Outputs

Inputs / Outputs			
Sony Multi-connector		HD-SDI, embedded Audio, power, control	
N(f)	RF out	200mW	50 Ω
SMA (f)	UHF in	Remote control	50 Ω
Power switch		Separate power switch for wireless adapter	

Technical Characteristics

Frequency	1.95 to 7.4 GHz (Subdivided)*
Channel Bandwidth	6 / 7 / 8 MHz 12 / 14 / 16 MHz
RF Output Power	max. 200 mW
Modulation	COFDM 2k
Encoding	• MPEG-2 SP@HL • MPEG-2 422 • H.264
Video	• 1080p, 1080i, 720p 23.98/24/25/29.97/30/50/ 59.94/60 fps
Data Rate	up to 31.7MBit/s (63,4MBit/s for 3G)
Power Input	12 to 17.5 VDC
Consumption	approx. 15W additional to camera
Temperature	-20°C to +55°C
Weight	less than 500g (1,10lbs), additional to camera weight
Certification	CE, FCC pending