

# Sony HDC-4800



## General Overview

### Ultra Slow Motion 4K and HD Camera System

The Sony HDC-4800 Camera offers Broadcasters dramatic Ultra Slow Motion images at up to 8 times (400fps) slow down in 4K and 16 times (800fps) in HD. Teamed with the BPU-4800 Baseband Processor, it allows 4K HFR (High Frame Rate) data and simultaneous high-quality XAVC recording with upto 4 hours record time and no need for a separate record/playback server.

The camera head is PL mount and is supplied with a B4 mount adaptor so that all HD broadcast ENG and Box lenses can be used. It's ability to record and playback at the same time along with a dedicated separate live output means that the camera can be cut-to live by the Director at any time.

Live HDR Wide Colour Space and a realtime Flicker Free reduction.



## Technical Specifications

• Image Sensor	S-35 Single CMOS	• Tally	Red/Green Input/Output
• Effective Picture Elements	3840x2160 QFHD	• Hybrid Fibre Connector	1x LEMO 3K
• Recording Frame Rate UHD	200fps/400fps @ UHD 50P	• Reference (Genlock) Input	1x BNC HD Tri-Level, B/B
• Recording Time UHD	480min/240min @ UHD 50P	• Video Output	4K Live + Replay
• Recording Frame Rate HD	400fps/800fps @ HD1080P		HD Live + Replay
• Recording Time HD	640min/320min @ HD1080P	• Power Requirements	AC 110 to 240V, 50/60Hz
• System Signal rates	2160P 50/59.94	• Operating Temperature	-20C to +45C
	1080P 50/59.94	• Dimensions CamHead	35x16x27cm : 5Kg
• Lens Mount	PL/B4 Mount	• Dimensions HDCU-2500	22x13x41cm : 7Kg 1/2 (3U)
• View Finder	HDVF-EL75/L750/L770	• Dimensions BPU-4800	42x13x41cm : 17Kg (3U)
		• Dimensions PWS-100MG/PR1	42x05x55cm : 10Kg (1U)

- ULTRA HIGH SPEED 4K AND HD CAMERA
- UP TO 400FPS 4K / 800FPS HD
- REALTIME FLICKER FREE REDUCTION
- CONTINUOUS LIVE OUTPUT
- XAVC RECORDING UPTO 4 HOURS
- LIGHTWEIGHT HANDHELD ENG CAPABLE
- PL MOUNT WITH B4 MOUNT OPTION
- HDR WIDE COLOUR SPACE
- BOX LENS CAPABILITY
- EASY INTEGRATION INTO OB WORKFLOW

