



## PMW-TD300

Solid-state Memory 3D Camcorder

Preliminary

# The first fully integrated 3D shoulder camcorder from Sony.

In response to the rapidly growing demands in the 3D industry, Sony proudly introduces the new PMW-TD300 – a professional 3D shoulder camcorder.

With its shoulder-mount design, this camcorder has a familiar compact body, and provides a stable shooting style that is crucial to creating good 3D images.

Affordable and fully integrated, this 3D camcorder reduces the burden of complicated user adjustments before shooting, such as left- and right-lens alignment.

The PMW-TD300 is a powerful tool to support the needs of professional 3D video production - combining mobility, stability, and affordability.

**XDCM EX**

**SXS**

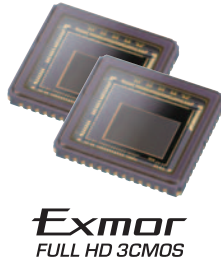
**Exmor**  
FULL HD 3CMOS



## MAIN FEATURES

### ■ Dual Three 1/2-inch Type Exmor™ Full-HD CMOS Sensors

The dual Exmor 3CMOS image sensors provide high-quality 3D images with excellent sensitivity, as well as 1920 x 1080 resolution, meeting the industry standard for broadcast cameras. The 1/2-inch sensor size achieves an ideal balance between high quality and compact design - the body is of similar size to current 2D models.



### ■ Dual Lens System

The newly developed dual lens system allows fully synchronized operation between left and right lenses with high accuracy - in focus, zoom, and iris adjustments. With the minimized 45 mm IAD (Inter-Axial Distance) of the dual lens system, this camcorder offers a wide shooting zone to capture good 3D images - especially for near-side shooting, with its support for a 1.2 m minimum convergence distance.

### ■ XDCAM EX™ Recording

The recording format is identical to that of the existing PMW-EX1R, PMW-EX3, and PMW-350/320 Series. Proven, high-speed, and intuitive XDCAM EX workflow offers seamless integration with leading non-linear editing software.



### ■ SxS® Card Slots (L/R x 2)

Left and right images are recorded on each SxS card separately, in synchronization. As the camcorder features four SxS card slots (two each for the left and right), it offers a long recording duration of over 9 hours in SP (25Mbps) mode (with four 64-GB cards). Media sold separately.



### ■ 3D/2D Recording Modes

Not only 3D but 2D shooting mode is available. With a single SxS card, the camcorder is able to shoot images only through the left lens. In addition, parallel recording onto the left and right cards is useful as a method of redundant shooting in 2D operation, although the images will be different.

## OTHER FEATURES

- Intuitive convergence control with a dedicated dial feature
- Viewfinder with 3.5-inch type color LCD
- HD-SDI out (L/R dual stream, audio and TC embedded)
- HDMI® out (3D/2D) for viewing on consumer 3D displays
- Genlock in & TC in/out for integration with multi-camera systems

## MAIN SPECIFICATIONS

Lens	Dual lens system (fixed)
Imaging Device	Dual 3-chip 1/2-inch type Exmor Full HD CMOS
Recording Format	Video: MPEG2 HD (4:2:0) HQ mode: 35 Mb/s, SP mode: 25 Mb/s Audio: Linear PCM (4-ch, 16-bit, 48 kHz)
Card Slot	SxS card (L/R x 2)
Max. Recording Time	Max. 400 min (HQ mode, using 64-GB x 4)
Recording Mode	3D/2D
IAD (Inter-Axial Distance)	Approx. 45 mm (fixed)
Convergence Control	Manual (approx. 1.2 m to ∞)
Zoom Control	Manual & Servo (T/W)
Focus / Iris Control	Manual & Auto
Viewfinder	3.5-inch type color LCD monitor
HD-SDI Output	BNC (x2, L/R)
HDMI Output	A-type (x1, 3D/2D)
Genlock Input	BNC (x1)
TC Input/Output	BNC (x1) / BNC (x1)

