

SONY[®]

Preliminary

PDW-F350

Slow & Quick Motion
XDCAM™ HD Camcorder

MPEG HD

DVCAM

XDCAM

HD



XDCAM HD
Professional Disc System


Professional Disc™

PDW-F350 Slow & Quick Motion XDCAM™ HD Camcorder

In 24 years of Sony broadcast and production camcorders, there's never been anything like the PDW-F350. Here's the high definition camcorder with a size, weight and price that are easy to handle. Here's an indie film camcorder with true 24P, plus overcranking and undercranking. Here's a production camcorder, with time lapse, slow shutter and SD/HD switchable recording. And the PDW-F350 is a news camcorder, with the rugged, shock-resistant construction you can take to extremes.

And that's just for starters. Thanks to XDCAM Professional Disc™ recording, you also benefit from rugged, removable, media that costs under \$30 (MSRP) for over 120 minutes of HD recording. You capture video as MXF data files. You can edit proxy A/V right on your laptop. And you can transfer footage via FTP on any data network.

The PDW-F350 is good news for anyone who's been using Betacam® SP recording and looking for the right digital upgrade. And for anyone who's been using the DVCAM™ system and looking for the best transition to HD. In fact, for anyone who's been waiting for the right high definition camcorder, the PDW-F350 is a signal. The product is right. The format is right. The time is now.



PDW-F350 XDCAM HD Camcorder Overview

Camera Section

- **Three 1/2-inch type SuperHAD™ CCDs** with 1.5 megapixel resolution
- **Accepts half-inch lenses** directly, 2/3-inch lenses via optional LO-32BMT adaptor (multiplies lens focal length by 1.37X)
- **Choice of 60i/50i or true 24P/25P/30P capture:** one world, one camcorder
- **Overcranking and undercranking:** selectable frame rates from 4 to 60 fps adjustable in 1 fps increments
- **Slow shutter** for beautiful blur effects (up to 64 frame accumulation)
- **Interval recording** for time lapse effects
- **3.5-inch widescreen LCD** (viewable area, measured diagonally)
- **2-inch widescreen B/W viewfinder** (viewable area, measured diagonally)
- **Built-in ND filter** with clear, 1/4, 1/16 and 1/64 positions
- **Freeze Mix** helps you match shots
- **Auto focus** with compatible lenses
- **Supplied Remote Commander® unit**

Recorder Section

- **XDCAM HD system** with the beauty of 1080-line HD and the superior efficiency of MPEG-2 Main Profile at High Level long-GOP encoding
- **HD and SD in one camcorder:** switchable 25 Mbps DVCAM™ recording
- **18, 25 or 35 Mbps HD recording** with a choice of variable bit rates (18 and 35 Mbps) or 25 Mbps constant bit rate recording for compatibility with HDV™ 1080i tape recorders and editing systems
- **Professional Disc™ media** with 23.3 GB capacity and under \$30 MSRP; affordable running at less than \$0.25 per minute (18 Mbps)
- **The longest recording time of any HD camcorder currently available:** more than 120 min. (18 Mbps); 90 min. (25 Mbps); more than 60 min. (35 Mbps)
- **Four channels of uncompressed audio:** 16-bit/48 kHz
- **Scene Selection** using thumbnail display in the LCD monitor; direct access to clips without fast forward or rewind
- **Cuts-only editing in the camcorder**
- **Shock resistant mechanism** has already been proven in snow, rain, extreme temperatures, dust and smoke
- **Downconversion** from HD to SD at the i.LINK® interface (DV mode)*

Inputs and Outputs

- **i.LINK® interface*** supports File Access Mode and DV OUT
- **HD-SDI output** for live applications; compatible with HD-SDI monitors, routers, switchers, NLEs and recorders
- **8-pin remote interface** for optional RM-B150, RM-B750
- **SD analog composite video output**
- **5-pin stereo XLR audio output**
- **5-pin stereo XLR mic input**
- **Two 3-pin mono XLR line/mic/mic +48V inputs**
- **Stereo earphone output**
- **Separate Time Code input and output**
- **Genlock input**
- **DC input** (XLR 4-pin)
- **DC output** 4-pin
- **Memory Stick® media slot** for camera setup files
- **AF lens interface** for compatible auto focus lenses

Workflow Innovation

- **Professional Disc™ recording** means split-second access; no fast forward or rewind; no worries about accidentally recording over good takes.
- **Records video as industry-standard MXF data files:** transfer files across a data network via FTP
- **i.LINK File Access Mode (FAM)*** mounts the camcorder to a PC as a drive, for direct access to files
- **Proxy A/V** to view, log and edit clips on a Windows® PC using supplied PDZ-1 software; load the resulting EDL back on the disc!
- **Essence marks** automatically identify the start of each scene; manual marks for good shots
- **Metadata** capacity for production notes on each clip; metadata become searchable tags for retrieval in post production and archiving
- **Affordable media** works like tape from acquisition to archive

* i.LINK is a Sony trademark used only to designate that a product is equipped with an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other. Please refer to the documentation that comes with any device having an i.LINK connector for information on compatibility, operating conditions, and proper connection.

XDCAM HD

Professional Disc System

SONY

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