The AG-DVX200 debuts as the world’s first* 4/3-type large format camcorder with integrated zoom lens. Combining digital video technology that Panasonic has developed over its long history of producing broadcast equipment with its expertise in professional camera recorder, the AG-DVX200 blazes an entirely new trail in video production. This new camera recorder captures stunning images with the shallow focus and attractive Bokeh effect of its 4/3-type large-format sensor, and the latitude made possible by the 12-stop V-Log L processing inherited. High-speed processing of these high resolution images by a 4K engine on a new LSI enables high-quality, multi-format (4K/24p, UHD/60p, FHD/60p) recording.

The AG-DVX200 also features a number of high-end functions to meet video production needs, including Full-HD, 120-fps Variable Frame Rate (VFR) shooting and dual codec recording. And it integrates a newly developed LEICA DICOMAR 4K 13x zoom lens. High-speed, high-precision full-auto functions and professional-level manual functions provide operating ease and mobility that are possible only from a lens-integrated body.

The crimson red coloring and stylish carbon-black textured body form a highly impressive and innovative design, in response to the artistic sensibility of video creators. This color scheme also reflects the expressive capability of the AG-DVX200’s vividly detailed 4K images together with its superb mobility and intuitively easy operation, supporting the everyday demands of active professionals.

* For a lens-integrated 4K/60p camera recorder with a 4/3-type sensor. (As of August 2015, according to a Panasonic survey.)
Rich Expression from a 4/3-type Sensor and 4K Engine

New 4/3-type Sensor for Beautiful Bokeh Effects and 4K Resolution

The AG-DVX200 features a 4/3-type, large-format image sensor. It creates highly attractive Bokeh effects by blending 4K resolution with shallow depth of field. It also lets you capture clear images with minimal noise when shooting in dimly lit locations.

LEICA DICOMAR 4K Lens

The high-performance LEICA DICOMAR 4K lens has passed the stringent quality standards of Leica Camera AG. A multi-coating process minimizes ghosts and flaring, while the use of a low-dispersion glass suppresses chromatic aberration. This results in especially clear images with very little color bleeding.

4K Engine with High-Speed Processing on a New LSI

The 4K engine, which is mounted on the AG-DVX200’s newly developed LSI, quickly processes the massive amount of 4K data. A new noise reduction function also minimizes noise when shooting dark scenes with increased gain.

UHD/60p High-Resolution, High-Speed Full-Frame Recording

Full frame rate recording at a maximum 60p (60 fps) is possible with UHD (3840 x 2160) resolution. This produces smooth, high-resolution images from fast-moving scenes with no dropped frames. No dropped frames, which is important due to the recent announcement of UHD 59.94 native acquisition.

* Leica is a registered trademark of Leica Microsystems IR GmbH.
* DICOMAR is a registered trademark of Leica Camera AG.
* LEICA DICOMAR products are manufactured using Leica-certified measuring instruments and quality assurance systems based on rigorous quality standards approved by LEICA DICOMAR AG.

* picture simulated
Variable Frame Rate HD Recording at Max. 120 fps

When recording at high Full-HD (1920 x 1080) resolution, the frame rate can be varied from 2 to 120 fps.* Slow-motion images can be achieved by shooting at up to 12x normal speed (in 24p mode), and quick-motion images can be produced by dropping frames.

* When shooting from 2 to 96 fps, 28.0mm can be achieved at the wide-angle end, but this is limited to 35.2mm when shooting at 100 or 120 fps.

12 stops of Latitude from V-Log L

The AG-DVX200 features a V-Log L function that is equivalent to the V-Log and curve characteristics provided on the new VariCam Series. Its 12-stop wide dynamic range accommodates cinema production work requiring post-process color gradation. In addition to this, gamma curves can be selected from 8 modes, including CINE-LIKE V, CINE-LIKE D, FILMLIKE 1/2/3, HD and SD.

* The VariCam35 V-Log has 14+ stops.

High-Quality 4K (UHD) 10 bit 4:2:2 Image Output

The HDMI output terminal enables camera-through output of 4K (4096 x 2160)/24p and UHD (3840 x 2160)/30p images. This allows uncompressed recording of 10 bit 4:2:2 image quality by external recorders.*

* When HDMI / HDSDI is set to 10 bits, all internal recordings are disabled.

Infrared Shooting Function

The AG-DVX200 has an integrated, detachable IR filter. Its IR mode enables it to record 4K images in the dark. Shooting and recording are possible in a zero-lux environment, such as unlighted nightscapes, animals in nature, and event sites before the lights are turned on.

* An optional IR light is required separately.
Newly Developed Integrated Optical 13x Zoom Lens

This 13x zoom lens comprises 17 lenses in 11 groups, including 5 aspheric lenses. It offers a level of mobility that is possible only with an integrated lens, extending from 28mm wide-angle (in FHD mode)*1 to a wide zoom range with F2.8 brightness (at the wide-angle end), for news gathering and video production. The IA Zoom*2 function increases the zooming capability to a maximum of approximately 20x, while maintaining high resolution.

*1: 35mm film equivalent. Varies depending on the video recording format. FHD: 28mm, 4K/24p: 29.5mm, UHD/30p: 30.6mm, UHD/60p: 37.2mm
*2: Cannot be used in 4K/UHD shooting modes.

Intelligent AF

The AG-DVX200 features a high-speed, high-precision Intelligent AF system. Its new micro-drive focus unit provides the focus lens with an extremely fine, continuous drive, to quickly trace your subject’s movements. The excellent focusing speed, tracking performance and stability of this AF system strongly support the detailed 4K images and shallow focus.

Advanced Hand-Shake Correction

- **5-Axis Hybrid Image Stabilizer:** By using hand-shake correction that combines the effects of both optical and electronic image stabilization, hand-shake in various directions, including the rotary direction, is detected and corrected.

* Cannot be used in 4K/UHD shooting modes.

Nimble Mobility with an Integrated Optical 13x Zoom Lens and Intelligent Full-Auto Functions
Triple Manual Ring

The AG-DVX200 features three manual rings for mechanical (cam-driven) Zoom, Focus and Iris control. This manual operation offers a highly familiar, professional feel.

ND Filters, Gain, White Balance

- **ND Filters**: OFF, 1/4, 1/16, 1/64 ND filters built-in.
- **Gain Selector**: Select from 0dB to +24dB gain for 3-position (L/M/H) allocation.
- **AWB Selector**: Two-value (A/B) memory and presets (3200/5600/VAR) can be selected.
Multi-Format/Multi-Codec Recording

The MP4/MOV codec provides 4K (4096 x 2160)/24p, UHD (3840 x 2160)/60p, and FHD (1920 x 1080) high-bit-rate recording, and the AVCHD codec supports low-bit-rate HD/SD recording. Being able to select from a variety of recording modes, each with a different image quality, frame rate, and bit rate, meets a wide range of applications, from cinema production to Internet distribution.

(See below table for more details.)

* The use of DCF Technologies is under license from Multi-Format, Inc.

SD Memory Card U3 Standard for 4K Acquisition

The AG-DVX200 records onto SDHC/SDXC cards. Supporting the UHS Speed Class 3 for high-speed data transfer, this enables 4K/24p, UHD/60p, and VFR recording. Approximately 160 minutes of 4K/24p data can be recorded onto a 128 GB SD card, or a scene of about 110 minutes of UHD/60p data. (A 64 GB SD card will hold approximately 80 minutes of 4K/24p data, or about 55 minutes of UHD/60p data.)

### Video Recording Mode (when System Frequency is 59.94 Hz)

<table>
<thead>
<tr>
<th>Recording Mode</th>
<th>Recording Format</th>
<th>Bit Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOV/MP4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4K</td>
<td>4096 x 2160/24.00p</td>
<td>100 Mbps</td>
</tr>
<tr>
<td>UHD</td>
<td>3840 x 2160/59.94p</td>
<td>150 Mbps</td>
</tr>
<tr>
<td></td>
<td>3840 x 2160/29.97p/23.98p</td>
<td>100 Mbps</td>
</tr>
<tr>
<td>FHD</td>
<td>1920 x 1080/59.94p/29.97p/23.98p (ALL-I)</td>
<td>200 Mbps</td>
</tr>
<tr>
<td></td>
<td>1920 x 1080/59.94p</td>
<td>100 Mbps</td>
</tr>
<tr>
<td></td>
<td>1920 x 1080/59.94p/29.97p/23.98p/59.94i</td>
<td>50 Mbps</td>
</tr>
<tr>
<td>AVCHD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PS</td>
<td>1920 x 1080/59.94p</td>
<td>25 Mbps</td>
</tr>
<tr>
<td>PH</td>
<td>1920 x 1080/59.94i/23.98p</td>
<td>21 Mbp</td>
</tr>
<tr>
<td>HA</td>
<td>1920 x 1080/59.94i</td>
<td>17 Mbps</td>
</tr>
<tr>
<td>HE</td>
<td>1440 x 1080/59.94i</td>
<td>5 Mbps</td>
</tr>
<tr>
<td>PM</td>
<td>1280 x 720/59.94p</td>
<td>8 Mbps</td>
</tr>
<tr>
<td>SA</td>
<td>720 x 480/59.94i (SIDE CROP/LETTERBOX/SQUEEZE)</td>
<td>9 Mbps</td>
</tr>
</tbody>
</table>

### Video Recording Mode (when System Frequency is 50.00 Hz)

<table>
<thead>
<tr>
<th>Recording Mode</th>
<th>Recording Format</th>
<th>Bit Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOV/MP4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4K</td>
<td>4096 x 2160/24.00p</td>
<td>100 Mbps</td>
</tr>
<tr>
<td>UHD</td>
<td>3840 x 2160/50.00p</td>
<td>150 Mbps</td>
</tr>
<tr>
<td></td>
<td>3840 x 2160/25.00p</td>
<td>100 Mbps</td>
</tr>
<tr>
<td>FHD</td>
<td>1920 x 1080/50.00p/25.00p (ALL-I)</td>
<td>200 Mbps</td>
</tr>
<tr>
<td></td>
<td>1920 x 1080/50.00p</td>
<td>100 Mbps</td>
</tr>
<tr>
<td></td>
<td>1920 x 1080/50.00p/50.00p/50.00i</td>
<td>50 Mbps</td>
</tr>
<tr>
<td>AVCHD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PS</td>
<td>1920 x 1080/50.00p</td>
<td>25 Mbps</td>
</tr>
<tr>
<td>PH</td>
<td>1920 x 1080/50.00i</td>
<td>21 Mbp</td>
</tr>
<tr>
<td>HA</td>
<td>1920 x 1080/50.00i</td>
<td>17 Mbps</td>
</tr>
<tr>
<td>HE</td>
<td>1440 x 1080/50.00i</td>
<td>5 Mbps</td>
</tr>
<tr>
<td>PM</td>
<td>1280 x 720/50.00p</td>
<td>8 Mbps</td>
</tr>
<tr>
<td>SA</td>
<td>720 x 576/50.00i (SIDE CROP/LETTERBOX/SQUEEZE)</td>
<td>9 Mbps</td>
</tr>
</tbody>
</table>

*24.00p of 59.94 Hz and 50.00 Hz is the same recording format.
Double SD Card Slot
Boosts Recording Reliability

Two SD card slots allow dual-codec recording, and enable various recording formats to raise recording reliability.

- **Background Recording**: Records ordinary Rec Start/Stop-controlled data in Slot 1, and records all data, even when the AG-DVX200 is stopped, in Slot 2.
- **Relay Recording**: Automatically records continuously from Slot 1 to Slot 2.
- **Simultaneous Recording**: Identical data is recorded onto cards in both slots in this highly redundant recording mode.
- **SD Card Copy**: Recorded data is copied between the two slots.

### Dual Codec Recording

This function allows the image to be simultaneously recorded into two different, Main and Sub, formats. An efficient workflow can be achieved by using the Sub Rec File for tasks such as previews, offline editing, and Internet data transfers. Dual Codec Recording is provided with two modes, an FHD 50M mode and an FHD 8M mode. (See the table above.)

* Different frame rates cannot be selected.

When [Dual Codec] = FHD 50 Mbps

<table>
<thead>
<tr>
<th>Recording Mode</th>
<th>Recording Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main-Recording side</td>
<td>MOV/MP4, UHD/29.97p/25.00p/23.98p 100 Mbps</td>
</tr>
<tr>
<td>Sub-Recording side</td>
<td>MOV/MP4*, FHD/29.97p/25.00p/23.98p 50 Mbps</td>
</tr>
</tbody>
</table>

* Same recording mode selected in the main-recording side.

When [Dual Codec] = FHD 8 Mbps

<table>
<thead>
<tr>
<th>Recording Mode</th>
<th>Recording Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main-Recording side</td>
<td>MOV/MP4, UHD/29.97p/25.00p/23.98p 100 Mbps</td>
</tr>
<tr>
<td>FHD/59.94p/50.00p/29.97p/25.00p/23.98p 200 Mbps</td>
<td></td>
</tr>
<tr>
<td>FHD/59.94p/50.00p 100 Mbps</td>
<td></td>
</tr>
<tr>
<td>Sub-Recording side</td>
<td>MOV, FHD/59.94p/50.00p/29.97p/25.00p/23.98p 8 Mbps</td>
</tr>
</tbody>
</table>

### Other Recording Functions

- **Pre Rec**: This function constantly caches approximately 4 seconds of video and audio data in MOV/MP4 format, or approximately 3 seconds in AVCHD format, prior to Rec Start, so the data can be recovered in case there is a delay in pressing Rec Start.
- **Interval Rec**: Records intermittently based on a set interval time.
- **Freeze Frame**: Images can be recorded as still images together with audio.
- **Rec Check**: This lets you check the end of the most recently recorded clip with one-touch ease.

### Digital Audio 2-Channel Recording

Two-channel audio is recorded with the high sound quality of the Linear PCM format (MOV/MP4) or Dolby Digital format (AVCHD). The built-in mic, mic input, or line input can be selected for each channel, and the sound level can be manually adjusted.
Focus Assist Functions
A wide variety of Focus Assist functions support quick and accurate manual focusing.
- **Expand**: Visibility can be enhanced by expanding the display of any desired part of the screen.*
  * The part to be expanded is designated by touching the screen.
- **Peaking**: The contours of subjects in focus are colored for display emphasis.
- **One-Push AF**: This function temporarily activates Auto Focus when shooting in Manual mode.
- **Focus Transition**: The focus can be shifted to a preset focus position (focal distance) with a single touch. Up to three focus positions can be preset.
- **Area Function**: Auto Focus is activated for a subject that is touched on the LCD panel. In addition to focusing, changes can be made to Auto Iris and Brightness Display.

LCD/EVF Displays That Assist Shooting
- **Waveform and Vectorscope Display**: WAVE (Waveform) and VECTOR (Vectorscope) can be easily displayed on a subscreen of the LCD monitor.
- **Level Gauge**: Horizontal or vertical tilting of the camcorder can be checked on the LCD and viewfinder.
- **ZEBRA**: Two zebra patterns are integrated, from 50% to 105% in 5% steps.
- **Marker (Y Level)**: The brightness level in the center of the screen is displayed in percentage.
- **A Safety Zone Marker and Center Marker** can be displayed.
- **Picture Quality Settings**: Detail, Skintone, Chroma Level, Chroma Phase, Color Correction, Master pedestal level, Gamma and Knee can be set.

High-Quality OLED EVF
The viewfinder features a high-resolution OLED display (approximately 2,360,000 dots, with an image display area of approximately 1,770,000 dots) for excellent color reproduction. The EVF provides the ability to critically focus even in 4K.

4.3-type Touch Panel LCD
The integrated, large-screen, high-resolution (approximately 2,760,000-dot) 4.3-type LCD HD monitor provides easy viewing for previews and focusing. Equipped with a touch panel, it allows use of area functions, such as Touch Focus, and enables an Icon Touch function for various settings and operations.

* picture simulated

* picture simulated

* picture simulated

* picture simulated
Scene Files, User Files

Six files preset with picture quality settings are provided as Scene Files (1: Standard, 2: Shooting under fluorescent lights, 3: Extra Color & Detail, 4: Enhanced gradation of luminance in low-light scenes, 5: Cine-Like setting shifted to prioritize contrast, and 6: Cine-Like setting shifted to prioritize dynamic range). You can change any of the settings as desired and store one set as a Custom File in the AG-DVX200, and up to eight sets on a SD card. The User File lets you store one file with camcorder function settings in the AG-DVX200, and up to eight files on a SD card.

User Buttons

Any of the below listed 38 functions can be allocated to the User Buttons. There are a total of 12 User Buttons: Eight on the AG-DVX200 body, and four on the LCD Touch Panel.

Assignable Functions

Focus Assist, Backlight, Spotlight, Black Fade, White Fade, ATW, ATW Lock, Digital Zoom, Histogram Display, Rec Check, Last Scene Delete, DRS, Freeze Frame, Super Gain, Area Function, Focus Transition, Capture, EVF/LCD Detail, IR Shooting, Level Gauge, Background, Flash Band Correction, PRE-REC, WFM, FAST ZOOM, EVF ON/OFF, Auto Iris Level, Zebra, Image Stabilizer, Scene File, Auto Rec, Area Width Adjust, VFR Mode, Focus Macro, IA Zoom, V-Log View Assist, Menu and LCD/EVF output.

* picture simulated
XLR Mic/Audio Input (2 Channels)
The AG-DVX200 features +48V phantom power supply XLR mic and audio input terminals (2 channels). The front mic terminal is positioned behind the mic mount to prevent problems such as obstruction when the mic is used at the side of the camcorder. The rear external audio terminal is positioned on the right side for situations where shoulder-type shooting is required. This also simplifies removal while holding the camcorder in shooting position.

USB3.0 HOST/DEVICE
• **USB HOST:** SD card data files can be copied onto external media, such as a USB hard disk or USB memory device. Data copied onto a USB hard disk or USB memory device can also be reproduced.
• **USB DEVICE:** The AG-DVX200 can be connected to a PC or Mac, and SD card files can be transferred for linear editing.

HDMI/SDI/VIDEO Image Output
• **HDMI OUT:** Outputs images up to 4K/24p and UHD/60p.*
* Images output during UHD/60p recording are FHD.
• **SDI OUT:** Outputs HD SDI or SD SDI. Panasonic recorders equipped with SDI input can be linked to the Rec Start/Stop function of the AG-DVX200.
• **VIDEO OUT:** Outputs composite images.
Other Interfaces and Equipment

- **TC PRESET IN/OUT:** Time code synchronization is possible for two AG-DVX200 camcorders.
- **Camera Remote:** Focus, Iris, Zoom, Rec Start/Stop.
- Equipped with an audio output terminal (Stero Mini Jack x 1).
- Equipped with a headphone terminal (Stero Mini Jack x 1).

Various Covers to Increase Mobility and Safety

- **Battery Cover:** A hatch-type cover protects the battery. This new design provides safety and stability.
- **Terminal Cover:** The terminal block is covered to protect it from dust and impacts.
- **Lens Cover:** A lens cover is built into the lens hood to increase safety during travel.
Workflow & Options

Example of 4K workflow

OFFLOADING to USB 3.0 Storage*1

AG-DVX200

MOV MP4

SDXC Memory Card

USB 3.0

3G SDI (1080p)

HDMI

BT-LH910G HD Monitor

BT-4LH310 4K Monitor

Atomos SHOGUN 10 bit 4K Recorder*3

(Other manufacturer’s product)

HDMI 1.4

HDMI 2.0

4K VIERA*2

FZ-Y1CH TOUGHPAD 4K*3

*1: Please visit Panasonic website <http://pro-av.panasonic.net/en/dvx4k> “Operation confirmed USB HDD”

*2: As for the model supporting 4K video playback

*3: It is equipment and software that schedules confirming the operation. Please visit Panasonic website <http://pro-av.panasonic.net/>

Options

VW-VBD58
Lithium Ion Battery (5800mAh)

AG-B23
Battery Charger

AG-MC200G
XLR Microphone

BT-4LH310
787.4mm (31 inches) LCD Monitor
DCI 4K IPS LCD panel,
DCI 4K/QFHD/2K/HD/SD Display
Input: 3G SDI x4, HDMI 1.4 x 2, Display Port x2, AC/DC

Adobe
Premiere Pro

Apple
Final Cut Pro

Avid
Media Composer

Grass Valley
EDIUS Pro

As of August, 2015

Example of 4K workflow

AG-DVX200

MOV MP4

SDXC Memory Card

USB 3.0

3G SDI (1080p)

HDMI

BT-LH910G HD Monitor

BT-4LH310 4K Monitor

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*2: As for the model supporting 4K video playback

*3: It is equipment and software that schedules confirming the operation. Please visit Panasonic website <http://pro-av.panasonic.net/>
Specifications

General

Power:
DC 7.2 V (when the battery is used)
DC 12 V (when the AC adapter is used)

Power Consumption:
2.17 W

Operating Temperature:
0 °C to 40 °C (50 °F to 104 °F)

Operating Humidity:
10% to 80% (no condensation)

Weight Approx.:
2.7 kg (9.5 lbs)

Dimensions:
181 mm (H) x 216 mm (W) x 374 mm (D)
(excluding protrusion and eye cup)

Weight:
Approx. 2.7 kg (5.95 lb)

Operating Humidity:
10% to 80% (no condensation)

Power Consumption:
21.7 W
DC 12 V (when the AC adaptor is used)

Camera Unit

Pickup Device:
4/3-type MOS

Effect Pixcels:
15.49 megapixels (FHD), 13.35 megapixels (4K/24p)

Effective Pixcels:
15.49 megapixels (FHD), 8.71 megapixels (UHD/59.94p), 8.71 megapixels (UHD/29.97p), 8.71 megapixels (UHD/24p), 8.71 megapixels (50p/100p)

Dimensions:
181 mm x 216 mm x 374 mm (excluding protrusion and eye cup)

Filter Diameter:
72 mm

Shutter Speed:


Shutter Open Angle:
5.0 deg to 180.0 deg to 360.0 deg

Shutter Recording Frame Rate:

- When [SYSTEM MODE] = 59.94 Hz
- 50p mode: 59.94 Hz
- 50i mode: 59.94 Hz
- 50p mode: 25.00 Hz
- 50i mode: 25.00 Hz
- 50p mode: 12.50 Hz
- 50i mode: 12.50 Hz

Shutter Recording Frame Rate (After [Dual Codec] = FHD 8Mbps)

- When [Dual Codec] = FHD 8Mbps
  - Recording mode = MOV/MP4
  - [Dual Codec] = FHD 8Mbps

Shutter Recording Frame Rate (When [Dual Codec] = FHD 8Mbps)

- When [Dual Codec] = FHD 8Mbps
  - Recording mode = MOV/MP4

Min. Subject Illumination:
0.2 lx (F2.8, gain 18 dB, Manual slow shutter,
[HIGHL] SENS.) mode

Digital Zoom:
x2/x5/x10

Monitor/Viewfinder

Viewfinder:
0.39 type OLED (organic EL display)

Monitor:
8.1 cm (3.2"")

Other Input/Output

HDMI OUT:
HDMI x 1

Audio OUT:
HDMI type A terminal, not compatible with VIERA Link

Audio Input:
Built-in Microphone:
Supports stereo microphone

Audio OUT:
SD/HD/59.94i/50.00i/29.97i/25.00i/24.00i/23.98i

SDI OUT:
BNC x 1, Composite 1.0 V [p-p]

Audio OUT:
BSX x 1, XLR (3 pin) x 2 (INPUT, INPUT/OUTPUT)
Input: high impedance, LINE/MIC+48V (switchable SW)
LINE: -4 dBu/500 dBu (switchable menu)
MIC: –40 dBu/500 dBu

HDMI OUT:
BNC x 1

Audio OUT:
DSX x 1, XLR (3 pin) x 2 (INPUT, OUTPUT)

Other Input/Output

CAM REMOTE:
3.5 mm diameter stereo mini jack x 1

Other Input/Output

USB 3.0 HOST:
Standard-A connector, 9 pin

USB 3.0 HOST:
Micro-B connector, 10 pin, Mass storage function (read only)

DC IN 12 V:
DC 12 V (11.4 V to 12 V)

DC IN 12 V:
DC 12 V

Monitor/Viewfinder:
4.3 type HD color monitor (Approx. 276000 dots)

Viewfinder:
3.08 type OLED (organic EL display)
(Approx. 2300000 dots, video display area Approx. 177000 dots)

Included Accessories

Battery (VB-VD05), Shoulder strap, Battery charger, Microphone holder, AC adapter, Screw for microphone holder (12 mm), Power code x 2, Eye cup, Lens hood, INPUT terminal cap, CD-ROM (Operating Instructions)

Weight and dimensions are approximate. Specifications are subject to change without notice.

As of August, 2015