

Panasonic

ideas for life

Twin-lens 3D camera recorder

Preliminary

File recording system will offer high-efficiency full-HD 3D video production.

The world's first*¹ integrated twin-lens 3D camera recorder for professional use.



3D
FULL HD

- The world's first*¹ integrated twin-lens full-HD 3D camera recorder
- Equipped with convergence-point*² adjustment and automatic horizontal and vertical displacement correction functions
- The solid-state memory file-based recording system enables high-efficiency production workflow for 3D videos

*1: As an integrated twin-lens 3D camera recorder capable of recording full-HD video to its memory card. As of January 2010 (based on our investigations).

*2: The point at which the left and right-camera lenses' optical axes converge.

Integrated Twin-Lens FULL-HD 3D Camera Recorder



The world's first*1 integrated twin-lens 3D camera recorder

This product is the world's first*1 professional twin-lens full-HD 3D camera recorder. Current professional 3D systems are large-scale setups in which two cameras are fitted to a rig in parallel, or vertically intersect across a half-mirror. Separate recorders are also required. In the Panasonic's new full-HD camera recorder, the lenses, camera head, and a memory card recorder are integrated into a single, lightweight body. This is much less expensive, smaller, more portable, and easier to maintain than the current professional 3D systems.

Equipped with convergence-point*2 adjustment and automatic horizontal and vertical displacement correction functions

The twin-lens system adopted in the optical section allows the convergence point*2 to be adjusted. Functions for automatically correcting horizontal and vertical displacement are also provided. Conventional 3D camera systems require these adjustments to be made on a PC or an external video processor. This new camera recorder, however, will automatically recalibrate without any need for external equipment, allowing capturing 3D image immediately.

The solid-state memory file-based recording system enables high-efficiency production workflow for 3D videos

Right and left full-HD video streams can be recorded as files on memory cards, ensuring higher reliability than on other media. Eliminating moving parts helps to significantly reduce maintenance costs. Users also enjoy a fast, highly-productive file-based workflow.

Major Specifications (tentative)

- **Power Consumption:** Under 19 W (main unit only)
- **Weight:** Under 3 kg (Under 6.61 lb) (main unit only)
- **Recording Media:** SDHC/SD memory card

*1: As an integrated twin-lens 3D camera recorder capable of recording full-HD video to its memory card.

As of January 2010 (based on our investigations).

*2: The point at which the left and right-camera lenses' optical axes converge. This brochure is preliminary. Specifications and functions are subject to change without notice.

Visit the website for details



<http://pro-av.panasonic.net/en/3d>

Panasonic®

Countries and Regions

**Panasonic Corporation
Systems Business Group**
2-15 Matsuba-cho, Kadoma, Osaka 571-8503
Japan
Phone +81 6 6901 1161 Fax +81 6 6908 5969
<https://www.pavc.panasonic.co.jp/pro-av/>

| | |
|-------------------------------------|-----------------------|
| Argentina | +54 1 308 1610 |
| Australia | +61 2 9986 7400 |
| Bahrain | +973 252292 |
| Belgium | +32 (0) 2 481 04 57 |
| Bulgaria | +359 2 946 0786 |
| Brazil | +55 11 3889 4035 |
| Canada | +1 905 624 5010 |
| China | +86 10 6515 8828 |
| (Hong Kong | +852 2313 0888) |
| Czech Republic | +420 236 032 552/511 |
| Denmark | +45 43 20 08 57 |
| Egypt | +20 2 23938151 |
| Finland, Latvia, Lithuania, Estonia | +358 (9) 521 52 53 |
| France | +33 (0) 1 55 93 66 67 |
| Germany, Austria | +49 (0) 611 235 401 |
| Greece | +30 210 96 92 300 |
| Hungary | +36 (1) 382 60 60 |
| India | +91 11 2437 9961 to 4 |
| Indonesia | +62 21 385 9449 |
| Iran (Vida) | +98 21 2271463 |
| (Panasonic Office) | +98 2188791102 |
| Italy | +39 02 6788 367 |
| Jordan | +962 6 5859801 |
| Kazakhstan | +7 727 298 0891 |
| Korea | +82 2 2106 6641 |

| | |
|--------------------------------------|------------------------|
| Kuwait | +96 522431385 |
| Lebanon | +96 11665557 |
| Malaysia | +60 3 7809 7888 |
| Mexico | +52 55 5488 1000 |
| Montenegro, Serbia | +41 (0) 26 466 25 20 |
| Netherlands | +31 73 64 02 577 |
| New Zealand | +64 9 272 0100 |
| Norway | +47 67 91 78 00 |
| Pakistan | +92 5370320 (SNT) |
| Palestine | +972 2 2988750 |
| Panama | +507 229 2955 |
| Peru | +51 1 614 0000 |
| Philippines | +63 2 633 6162 |
| Poland | +48 (22) 338 1100 |
| Portugal | +351 21 425 77 04 |
| Puerto Rico | +1 787 750 4300 |
| Romania | +40 21 211 4855 |
| Russia & CIS | +7 095 980 4206 |
| Saudi Arabia | +96 626444072 |
| Singapore | +65 6270 0110 |
| Slovak Republic | +421 (0) 2 52 92 14 23 |
| Slovenia, Croatia, Bosnia, Macedonia | +44 (0) 20 76 63 36 57 |
| South Africa | +27 11 3131622 |
| Spain | +34 (93) 425 93 00 |
| Sweden | +46 (8) 680 26 41 |

| | |
|------------------------------|----------------------|
| Switzerland | +41 (0) 41 259 96 32 |
| Syria | +963 11 2318422/4 |
| Taiwan | +886 2 2227 6214 |
| Thailand | +66 2 731 8888 |
| Turkey | +90 216 578 3700 |
| U.A.E. (for All Middle East) | +971 4 8862142 |
| Ukraine | +380 44 4903437 |
| U.K | +44 (0)1344 70 69 20 |
| U.S.A. | +1 201 348 5300 |
| Vietnam | +848 38370280 |



JQA-0443



Factories of Systems Business Group have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)