

KG KEISOKU
GIKEN

UDR-40S series catalog
UDR-40S-DV
UDR-40S-HM

UDR supports
Ultra High Quality Imaging



UDR
40S series

*The image is a inlaid image

UDR 40S series



Only solution that can support Ultra High Quality Image

1 Superior uncompressed recording

Ultra fast linear recording for virtually any data without compression by our unparalleled technology.

2 Wideband, high speed and high capacity

Enabled to output ultra wideband signal:

Single system : 3840 x 2160 RGB4:4:4, 12-bit, 120P

Dual system : 7680 x 4320 RGB4:4:4, 12-bit, 60P

3 Selectable 2 digital image interfaces

Compatible to HDMI1.4a for faster speed.

It can be adapted to various system requirements with the ordinary DVI I/F.

4 Compatible to system up

■ High speed file transfer between systems

With 10GEthernet (optional), it can transfer, load and save the sequential data at high speed.

■ GUI software (for PC and Tablet)

Dedicated software for both PC and Tablet-PC are available.

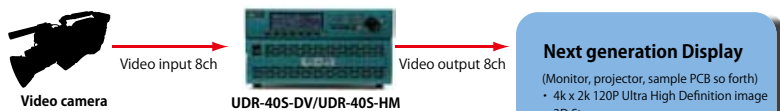
It can record, play, image and audio setting as well as data transfer are possible between PC and UDR. (*for PC: JUDR-40X / for Tablet: iUDR)



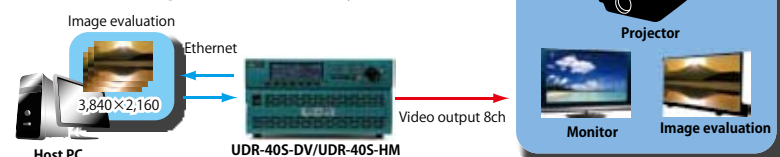
Applications

Single system

① DVI/HDMI video signal from camera → Display device

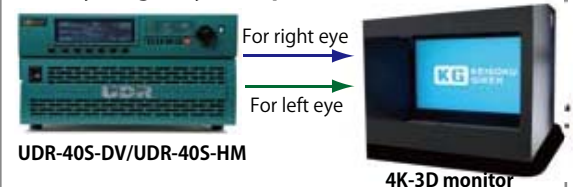


② Test image in a host PC → UDR (through Ethernet) → Display device



4K3D image display

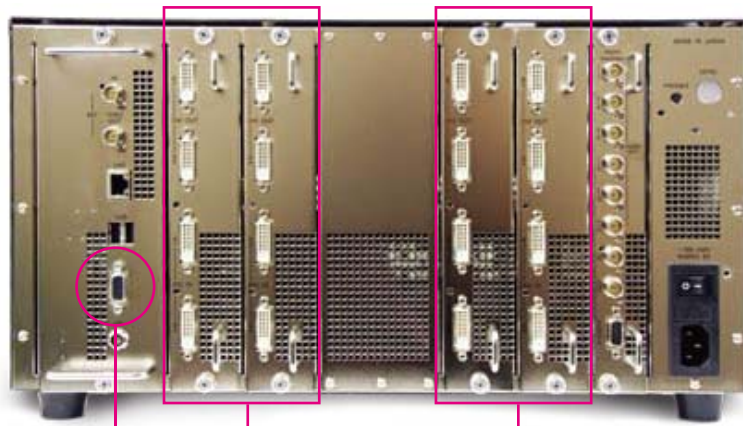
4K - 2K60P x 2 ch (Left eye, right eye) output



※This monitor system is equipped with 2 LCD and a half mirror in linear polarization. For viewing, use a pair of glasses of

Realized World Highest Level Video Bandwidth

We create New Era of Ultra-High-Quality-Image-World



DVI-D interface installed model

UDR-40S-DV

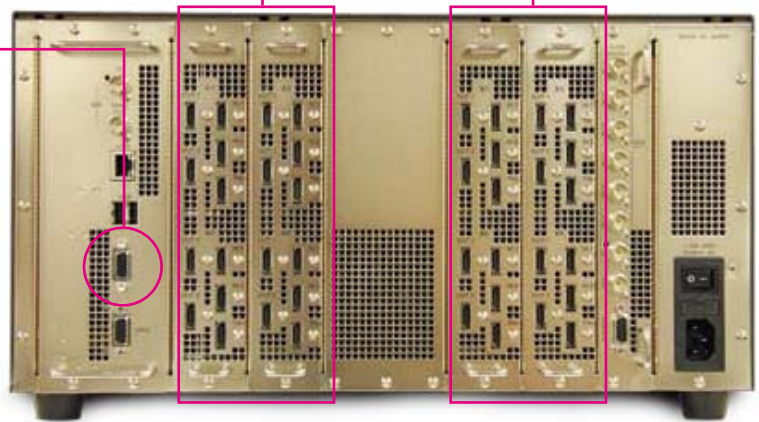
4ch model: UDR-40S-DV-4
8ch model: UDR-40S-DV-8

rear

DVI-D Dual Link Input/Output interface

HDMI 1.4a Input/Output interface

GPIO:
UDR dedicated interface.
This can be used for multiple
unit operation or when linked
with UPS.(Optional)



HDMI Interface installed model

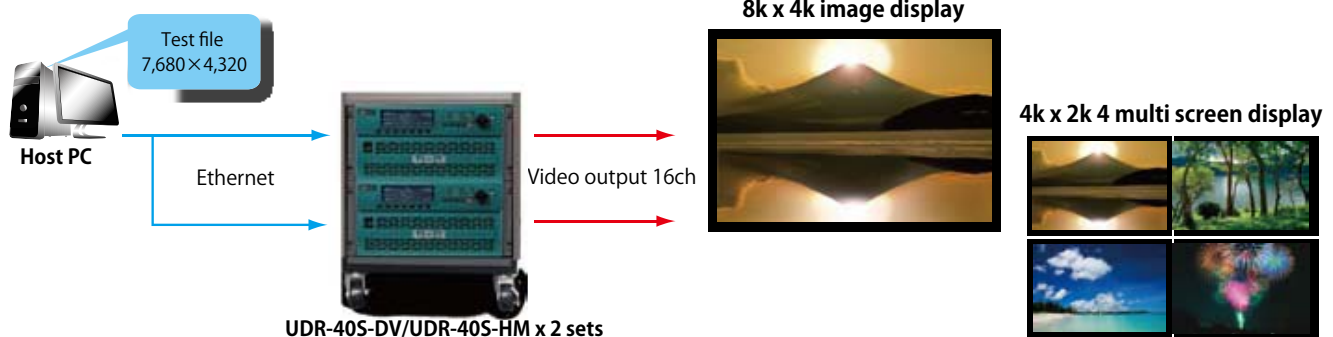
UDR-40S-HM

4ch model: UDR-40S-HM-4
8ch model: UDR-40S-HM-8

Applications

2 systems synchronized operation

- 8k x 4k images can be output to 2 sets of UDR through Ethernet then to a display device.
※ 7,680×4,320



Specification

| Model | | UDR-40S-DV | UDR-40S-HM |
|---|---------------|---|--|
| Video interface | | DVI-D Dual Link | HDMI 1.4a |
| No. of video channel | | 4 / 8 | 4 / 8 |
| Compatible Video format (*1) | VESA (UXGA) | 8bit / 60P | — |
| | 720P | 8,10,12bit / 59.94, 60P | — |
| | Full-HD,DCI2K | 8,10,12bit 23.98P/PsF, 24P/PsF,29.97, 30P/PsF, 59.94I, 60I, 59.94P, 60P | |
| | | 8,10,12bit 23.98P/PsF, 24P/PsF,29.97, 30P/PsF, 59.94I, 60I, 59.94P, 60P | |
| | Full-HD/3D | — | Planned to be compatible with Frame Packing and Side by Side 3D formats. |
| | | 8,10,12bit 23.98P/PsF, 24P/PsF,29.97, 30P/PsF, 59.94I, 60I, 59.94P, 60P | |
| Data format | QHD,DCI4K | 8,10,12bit 23.98P/PsF, 24P/PsF,29.97, 30P/PsF, 59.94I, 60I, 59.94P, 60P | |
| | QHD,DCI4K/3D | 8,10,12bit 23.98P/PsF, 24P/PsF,29.97, 30P/PsF, 59.94I, 60I,59.94P, 60P (Input 8 & 10-bit and output 8,10 & 12-bit for 59.94, 60P format.) | |
| | RGB4:4:4 | 8/10/12bit | |
| Recording length (when in QHD/ RGB 12bit/60P) | YPbPr4:2:2 | 8/10/12-bit (HD only) | 8/10/12-bit (DCI-2K, HD format only) |
| | YPbPr4:4:4 | 8/10/12-bit (HD only) | 8/10/12-bit (DCI-2K, HD format only) |
| | 12TB | 74 min | |
| Audio | 6TB | 37 min | |
| | 3TB | 18 min | |
| | 1.5TB | 9 min | |
| OS | | Sampling frequency: 48kHz (Image synch) Audio recording data format: 16/20/24 bit x 12 ch (AES/EBU) | |
| Power requirement | | Microsoft Windows XP Professional SP3 or later version, Microsoft Windows Vista (Except Home Basic version), Microsoft Windows 7 Red hat Enterprise Linu Workstation 4.0/5.0, Sun Microsystems x86 Solaris 10 | |
| Size | | AC 90 to 240V, < 600W | |
| Weight | | 430(W) x 221(H) x 555(D) mm | |
| Operating temperature range | | 22kg (body alone) | |
| Operating humidity range | | 0 to 40C *No direct sunshine | |
| | | 25 to 80% RH *No dew condensation | |

*1: Ask us for the availability *2: Ask us for formats which are not listed above.

※ UDR-40S-DV/HM limitation

1. It is limited to 12bit output, 10bit input for or above FHD/60P x 8ch format. Ask us for the function of 8ch and Color depth 12bit availability.
2. The audio sampling is fixed to 48kHz. Ask us for availability.
3. RS-422 interface is applicable to basic functions such as QueueIN/OUT, PLAY.REC/STOP.
4. Ask us for the availability of 10Gbit Ethernet compatibility.

* Specifications are subject to change without notice. * All trademarks are property of their respective owners.

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