

TEAC

4K Medical Video Recorder

UR-NEXT4K

UR-NEXT4KH (HDMI model)

UR-NEXT4KS (SDI model)



Do More, Record More,

***Bring true-to-life 4K images
to your bigger picture***

4K

60 fps · 3D · 2ch

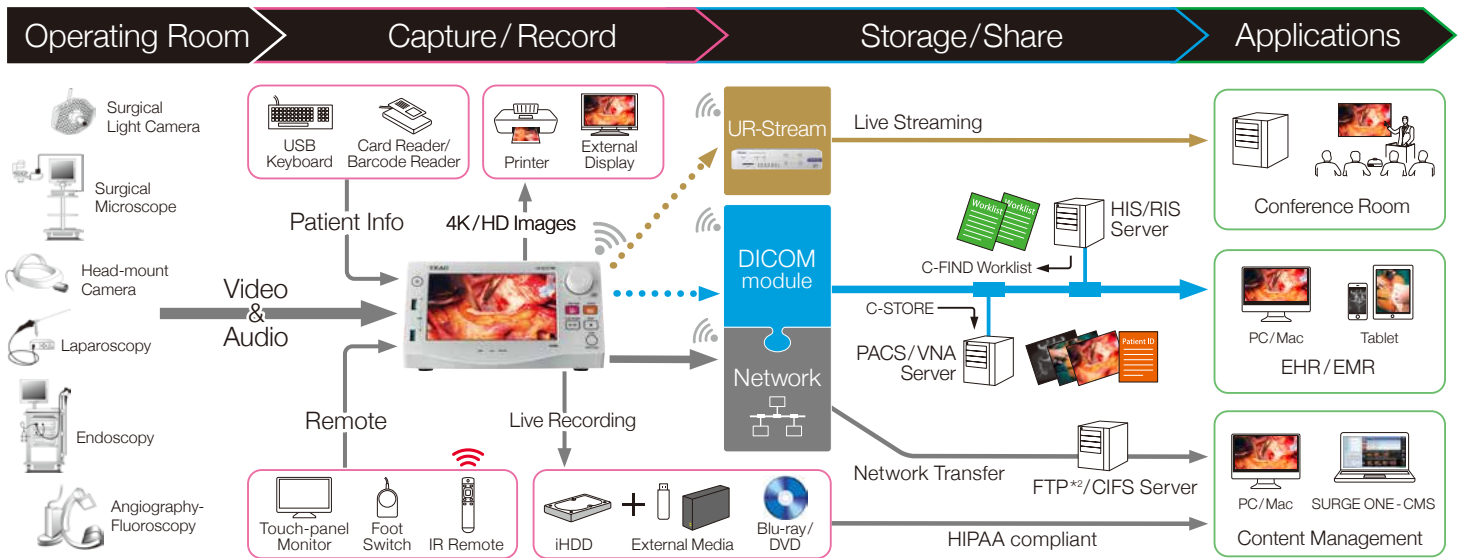
USB & iHDD
Recording

DICOM
Gateway

7.0 inch
Touch Display

HIPAA/
GDPR





Product Overview

TEAC's UR-NEXT is the 4K and 3D/Dual Channel recording solution you have been waiting for! Now is the time to add 4K recording with workflow enhancements including intuitive touch display control, PACS/EMR integration, printing, and documentation capabilities to your OR. With UR-NEXT 4K, you can record in the latest 4K resolutions, AND support Full HD recording from any surgical camera or visualization system for complete backward compatibility- perfect if you have 4K now or are planning to transition to 4K in the future. The touchscreen user interface also features the use of a multifunctional jog dial for a truly simple and efficient user control experience. Paired with TEAC's unmatched reliability and quality, UR-NEXT 4K is the ultra-clear choice.

Key Features

- **4K60 Video/Photo Recording**
- **4K3D Video/Photo Recording**
- **4K Dual-channel (4K30fps x 2) Video Recording**
- Proxy Recording allows 4K and FHD video recording at sametime
- Intuitive **Jog-Dial & Touch LCD** user-interface
- **2TB built-in HDD** stores hundreds of hours of videos
- **Wi-Fi®** transfer within the secured hospital network
- Wide variety of recording medium of your choice (USBs, DVD/Blu-ray, NAS, PACS, VNA)

Specifications

| | UR-NEXT4KH (HDMI model) | UR-NEXT4KS (SDI model) |
|------------------------------|---|--|
| Storage & Display | | |
| Front LCD Monitor | 7-inch Touch Display | |
| Data Storage | Internal Media: HDD 2TB | External Media*1: USB HDD / SSD / Flash Memory / DVD / Blu-ray™ Disc |
| Recording | | |
| Video Resolution | 4K/4096x2160p, UHD/3840x2160, Full HD/1920x1080p, 720p, NTSC/PAL (Digital) | |
| Frame Rate | 60Hz, 30Hz | |
| Multi-input mode | Dual-channel, 3D, PIP, PBP, Toggle*2 | |
| 3D mode | Input: Line by Line, Side by Side, Top and Bottom, Dual Stream | Output: Side by Side, Top and Bottom |
| Recording Format | | |
| Video & Audio | Compression: H.264, H.265-HEVC, AAC | File: MP4, TS |
| Photo | Compression: JPEG, PNG, Uncompressed | File: JPG, PNG, TIFF |
| Interfaces | | |
| Video Input | HDMI: Type A x (2) | SDI: BNC x (4), 12G x (1), 6G x (1), 3G x (2) |
| Video Output | HDMI: Type A x (1) | DP: Display Port x (1) |
| Audio Input | MIC (3.5mm stereo mini jack), HDMI | MIC (3.5mm stereo mini jack), SDI |
| Audio Output | Line (3.5mm stereo mini jack) | |
| USB Ports | Front: USB3.2 Type A x (2) for Recording | Rear: USB3.2 Type A x (4) for Accessories |
| Remote Control | IR Hand-held Remote (Included) | |
| Serial Communication | D-sub 9 pin (RS-232C) | |
| LAN | RJ-45 (1000BASE-T/100BASE) | |
| External Trigger | 3.5mm Stereo Mini Jack x (2) | |
| Wireless Connectivity | IEEE 802.11a/b/g/n/ac, Bluetooth® 5.0 | |
| General | | |
| Power supply | AC 100V-230V, 50/60Hz | |
| Dimensions (WxHxD) | Approx. 239 x 137.0 (132.3) x 245 mm / 9.4 x 5.4 (5.2) x 9.6 inch | |
| Weight | Approx. 4.3kg / 9.5 lbs. | |
| Environments | Operating temp.: 5°C to 40°C / 41°F to 104°F | Operating humidity: 30 to 80% RH (no condensation) |
| | Storage temp.: -10°C to 60°C / 14°F to 140°F | |
| Certifications / Compliance | ANSI/AAMI ES60601-1, CAN/CSA-C22.2 NO.60601, CE MDR, IEC60601-1, EN60601-1, EN60601-1-2, FCC Class A, FDA Class 1, RoHS | |
| Accessories*1 | Foot-switch, USB Keyboard, USB DVD/BD Writer | |

*1 Commercially-available products. Please contact us for recommendations. *2 Those functions will be supported by future firmware update. *3 Times are approximate.

Recording Times (for a 2TB Hard Drive)*3

| Ultra High-Definition 3840 x 2160p 60fps | | | | Full High-Definition 1920 x 1080p 60fps | | | |
|---|----------|---------|---------|--|---------|---------|---------|
| 150M bps | 100M bps | 50M bps | 25M bps | 50M bps | 20M bps | 12M bps | 8M bps |
| 29 hrs | 44 hrs | 88 hrs | 176 hrs | 88 hrs | 222 hrs | 370 hrs | 555 hrs |

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