

### Raw Video Recording

Our uncompressed video recorder provides the best video quality possible. Recording video footprints with no data loss means keeping all the pixels that are normally lost in the compression process.



# Uncompressed HD Recorder



**Vidtek  
R&D Department**

## Applications:

### •Medical & Scientific

- Surgery rooms
- Biomedical labs
- Research applications

### •Industrial

- High speed image processing applications
- Advanced high resolution image recording for scientific labs
- Space Applications
- Filming, Post Production Editing

• In medical and research applications details are the key factors to get the most accurate results.

• Recording uncompressed video helps scientists, specialists and engineers to record and store video with all the original details.

• Uncompressed Video Stream Recording

• High Definition Quality (4:4:4 1080P @ 60 fps)

• Archive Management Software

• Live and Recorded Video Streaming on network



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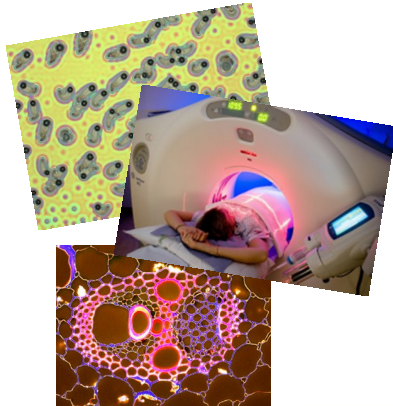
# Uncompressed Full HD Video Recorder

VIDTEK R&D AND NEW BUSINESS DEVELOPMENT

Complete and affordable solution with maximum quality to record video footprints frame by frame.  
Easy playback and archive management.

## FEATURES:

- MEDICAL ENVIRONMENT FRIENDLY
- HDMI, HD-SDI AND DVI INPUT
- 10&12 BIT 1080P @ 60FPS
- LIVE AND RECORDED VIDEO STREAMING ON NETWORK
- MANAGE AND EXPORT ARCHIVE
- 3D VIDEO CAPTURE



Since the introduction of Digital Video Recorders (DVRs) technical limitations impelled users to compress video in order to make it possible to write the data stream in storage media. Video compression results in data loss, in other words, it is impossible to retrieve the original video quality. With the advancement of technology, our engineers were able to design an affordable uncompressed video recorder, an essential tool that hasn't been available until now to scientists, researchers or doctors.

## A turnkey solution for precise video recording

### APPLICATION

- **Medical & Scientific**
  - Surgery rooms
  - Biomedical labs
  - Research applications
- **Industrial**
  - High speed image processing applications
  - Space Applications
  - Filming, Non-Linear Video Capture and editing

### RECORDER SPECIFICATIONS

CPU	8 Core Sandy Bridge Intel CPU
RAM	16GB RAM (Up to 32GB)
Storage	Up to 16 SSD / Hard drives expandable
LAN	Dual Gigabit LAN Controller
Video IN	HD-SDI, HDMI, DVI, Composite + Sync In
Video Out	HD-SDI, HDMI, DVI, Composite



### MAXIMUM RECORDING SPEED

Our HD raw video recorder is capable of recording data streams over 8 Gbps. This speed enables users to record uncompressed HD videos at the best quality possible.



### COMPLETE SOFTWARE SOLUTION

The HD Uncompressed Recorder comes with integrated software to record, manage and playback archived videos. In addition, the software also converts, exports and streams live video.



### POWER MANAGEMENT

Two redundant power supplies maximize the reliability of the recorder. In addition, the backup battery gives enough time to the user to safely finish and save the work.



WE OFFER TURNKEY VIDEO SOLUTIONS FOR MEDICAL AND INDUSTRIAL APPLICATIONS.

For any inquiry please call us at +1 (775) 356-8787 or visit our website at [www.vidtek.com](http://www.vidtek.com)

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