

# Lascaux

## MEDICAL RECORDER

4K / HD / 3D



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MS-300 is a dual channel Full HD / 4K / 3D medical video recorder with multifunction and intuitive interface. It provides quality recording and snapshots and can connect to hospital network system.

**4K**  
ULTRAHD

### DUAL-CHANNEL

MS-300 accepts up to 4K DUAL-CHANNEL signals from different modalities, e.g. Endoscopy + Ultrasound system



**4K**  
ULTRAHD



**4K**  
ULTRAHD



### MULTI-APPLICATION OF THE QUALITY RECORDING □

The captured videos/ images can benefit medical training, documentation, and academic publications.



Documentation



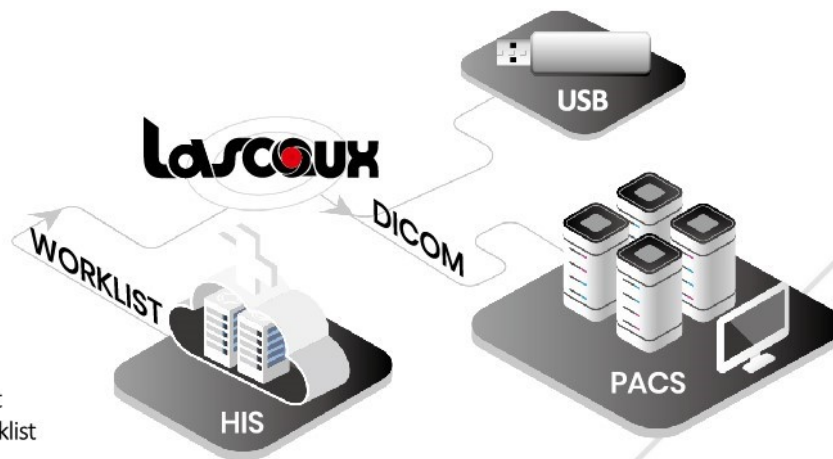
Medical Training



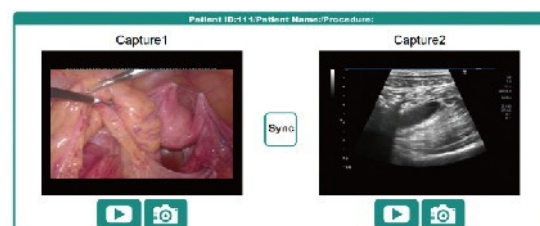
Academic Publications

## EASY FILE CREATING & TRANSFER

- HIS connection allows automatic input of patient information from the worklist for creating a new patient profile.
- The images captured can then be uploaded to PACS in DICOM format.
- Users can also export the recordings and images to USB drive.

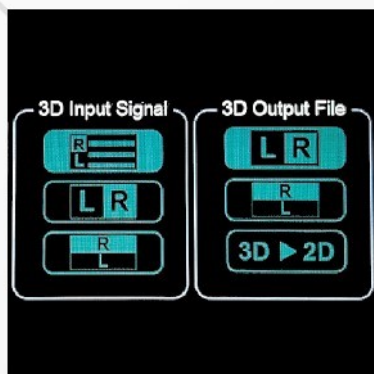


## SYNCHRONIZED RECORDING



- Lascaux MS-300 can record 2 channels simultaneously with the original quality kept.

## 3D VIDEO RECORDING



- Lascaux MS-300 accepts various 3D input formats (interlaced, side-by-side, and top-and-bottom). 3D video can be recorded as either side-by-side or top-and-bottom, and it can also be converted into 2D video.
- It also supports 2-channel 3D input, e.g. surgical microscope and robotic surgical system. Such input can be output as 2 independent files or side-by-side video.

- Such recording can be saved as 2 independent files or an integrated file, e.g. PIP/POP.

## USER-FRIENDLY DESIGN

- All functions are shown in simplified icons on the touch screen on MS-300.
- Adding an optional footswitch for snapshot and larger external touch screen will bring even easier operation.



## SPECIFICATIONS (Model: MS-300)

Type	Recording Unit
AC Input	100~240V / 10~5A, 60~50 Hz
Dimensions	(W) 320 x (L) 310 x (H) 85 mm
Image Input Terminal	HDMI terminal for 1st video input x1 SDI terminal x 4 or HDMI terminal x 1 for 2nd vide
Image Output Terminal	DP terminal for external display (1920 × 1080 or 1280 × 1024)
Input Resolution Support	SD/ HD/ 4K Max. 4096 × 2160p @60, 3840 × 2160p @60
Record Resolution	2D/3D Original input resolution Max. 4096 × 2160p, 3840 × 2160p
Record Format	MP4
Snap Shot Format	BMP, JPG
Weight	Approx. 5 kg (Mass)(Main unit)

\*MedicalTek Co., Ltd. is not responsible for the access of PACS/ HIS gateways for local distributors.\*

