

Medical Imaging, Simplified!



FHD Video Recording and Streaming System

X-Link MD

PRODUCT FEATURES

Multiple Control modes	Full HD 1920*1080	Patient Management
4.3 Inch Touch Screen	Universal Inputs	DICOM Photo

X-Link MD

Medical grade video recorder, MD – the second generation X-Link, is the industry's most affordable and versatile, is industry's most affordable and versatile high definition recorder solution. It combines superior image and video quality all versatile inputs extensive easy control various removable storage media and a range of innovative features.

- Effective touch screen control with medical gloves

X-Link MD has a 4.3" resistive touch screen and user-friendly operation with medical gloves. All recording, photo, patient, replay, storage status are available on the screen. Physical buttons are also available besides the touch UI.

- Easy management of patient

All patient information can be displayed, edited directly on the touch screen, or output and edited on the display. The patient information is recorded in the patient folder of the video. Just press the patient button to manage the patient, and support the USB keyboard input to edit the patient information diagnosis log.

- Support still image photo and DICOM

X-Link MD optimizes for surgical applications, the recorder can capture still images. Still image recording can be triggered via front panel button, optional footswitch or hand switch.

- Designed for use in surgical environments

X-Link MD can control and adjust the surgical camera or PTZ camera in the operating room via the RS232 or RS485 serial port protocols, and realize PiP with the surgical signal such as endoscope. PiP video preview and record make ECG overlay possible.

X-Link MD supports live stream images captured by endoscopes, cameras and other devices in real time to consulting rooms, offices and other locations outside the OR.

Operating Room

Record

Control

DVI out
HDMI Loopout



Features

- Easily record crisp 1080p60 video and images
- Universal storage works with all major USB Flash, SD Card, USB HDD
- PiP video preview and record make ECG overlay possible
- Up to 20mbits/s high-quality video codec in H.264 format
- Still Image Photo and DICOM support
- Live video streaming in LAN on any devices
- Footswitch, hand switch supported for remote control
- QR code scan for direct remote control by mobile phone or PC
- 4.3" LCD and resistance touch screen, friend to gloves and fingers
- Universal inputs with SDI, HDIMI, VGA, S-Video, YPbPr, S-Video analog support



Video and Photo

Video Encoder	H.264/AVC MP/HP
Resolution	1920x1080@25/30/50/60fps
	1280x720@50/60fps
	480i/576i, 1080i@50/60
	SMPTE 296M/274M/292M, 425M/424M
	DVI/HDMI all resolution
Bit Rate	Max. 20Mbps/s, 3 level adj.
Frame Rate	24/25/30fps, 50/60fps
Codec	H.264, mp4/mov file format
Rate Control	CBR/VBR
Photo	Jpeg, DICOM, BMP

Audio

Sampling	32-48KHz, 16bits
Codec	AAC Stereo
Channels	2, with Automatic Gain Control
MIC	2.2VDC Bias, 2.2Kohm, <0.7VRMS
	-36dB. MIC gain adj

Network

LAN	100/1000M Base-T
Streaming	RTSP
WiFi6	802.11b/g/n/ac, 2.4/5.8GHz

Software

Firmware	Upgradeable, Linux OS
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Storage

External	2 x USB Flash Drive, USB HDD
Disk Format	FAT32, up to 2T
	All storage media not included
	*USB 3.0 Flash drive recommended

Configuration

Setting	LCD 4.3"
Menu	Touch Screen

System requirements (Playback)

USB 3.0 Interface	
USB 3.0 SDHC Card Reader	
USB 3.0 SATA Reader	
1000 Base-T Ethernet	
Monitor resolution: 1920x1080	

Power

Power Adapter	AC 110-240V, 2A 50/60Hz
	3 prong AC Jack
	Medical grade power filter and supply

Interface

SDI Input	1x BNC, 75ohm, 800mVpp, SD/HD/3G
DVI Input	1 x DVI, Receptacle
HDMI Input	1 x TYPE A, Receptacle
CVBS Input	1 x BNC, 75ohm, 1Vpp
S-Video Input	1 x 4pin Mini-DIN
VGA Input	1 x 15 D-Sub
YPbPr Input	3 x BNC via VGA
Preview	LCD 4.3"
Preview Output	1 x DVI, Receptacle
SDI Loop Output	1x BNC, 75ohm, 800mVpp, HD/3G SDI
HDMI Loop Out.	1 x TYPE A, Receptacle
Audio In	2CH, 2 x 3.5mm Jack, 20Kohm higher
Audio Out	2CH, 2 x 3.5mm Jack
Network	RJ45, 100/1000M Ethernet
USB	4 x USB, TYPE A, 2 x front, 2 x rear
Visible	3 x Color LED
Alert	Buzz
Front MIC In	Two Channel, Omni-directional
Back MIC In	2CH, 2 x 3.5mm Jack, External
Foot Pedal	2 x 3.5mm Jack, 1x Photo, 1 x Video
LCD	4.3" IPS, Resistance Touch
Button	Sealed Membrane, Fluid Resistant
Remote	Mobile phone, PC, RESTFUL

Accessories

Power Cord x 1	
User Guide	
*YPbPr Cable	
*Single/Dual Foot Switch	
*USB Single/Dual/Triple Foot Switch	
*USB Hand Switch	
*USB SART HDD Dock Station	
*Accessories is optional and sold separately.	

Physical and Environment

Size	300 x 211 x 97.5mm(11.8" x 8.3" x 3.8")
Weight	2.98kg (6lb 7.7oz) (No HDD)
Operating	0°C to 45°C(32°F to 113°F)
Storage	-20°C to 60°C(-4°F to 140°F)

Ordering

30X31-01Y	
X=4, 5	
Y=0,1,2 HDD Size	