

4K
Imaging system

Staan®
MADE FOR THE WORLD



Agem

4K Imaging System

- The Agam 4K Ultra camera console offers clear imaging and accurate anatomical details during surgery.
- Smoke removal: Image signal optimization reduces smoke interference for clear visibility
- Magnification upto 2x enlarge images for better observation in confined surgeries
- Dark correction enhances dark areas to ensure clear surgical observation
- Exposure correction reduces overexposure for clear surgical observation
- Wide dynamic function ensures clear outlines by balancing light and dark areas
- Blood vessel enhancement highlights vessel structure, aiding tissue distinction and reducing bleeding risk
- Recording option (External storage upto 1TB)
- Inbuilt LED light source
- 7" Full Touch display for various surgical applications
- Simplified console system settings
- Designed with high quality components with minimum weight
- Smart brightness control



TECHNICAL SPECIFICATION

4K Console

Camera	9,000,000 pixel 3x1/1.8". CMOS
Resolution	3840x2160
Video output	HDMI 2.0/3G-SDI(4K UHD)
Camera cable	3 meter
Power	AC 85 - 240V

TECHNICAL SPECIFICATION

Light Source

Output power	150W
LED Life	50000 Hours
Color Temperature	3000-7000K
Dimming Mode	Touch Button
Lightning cable	4 Meter

4K Camera

- Variable focal length module supporting f18, f25 & f32 mm lenses with optical & digital zoom capability
- Electronic zoom function, can enlarge the image, more suitable for small space surgery observation
- Smart exposure system ensures uniform brightness and stability
- Auto White Balance (AWB) for natural color accuracy
- One-touch Image & video capture with high-resolution output
- Smooth zoom functionality upto 2X

18mm | 25mm | 32mm



4K camera Head & Lens

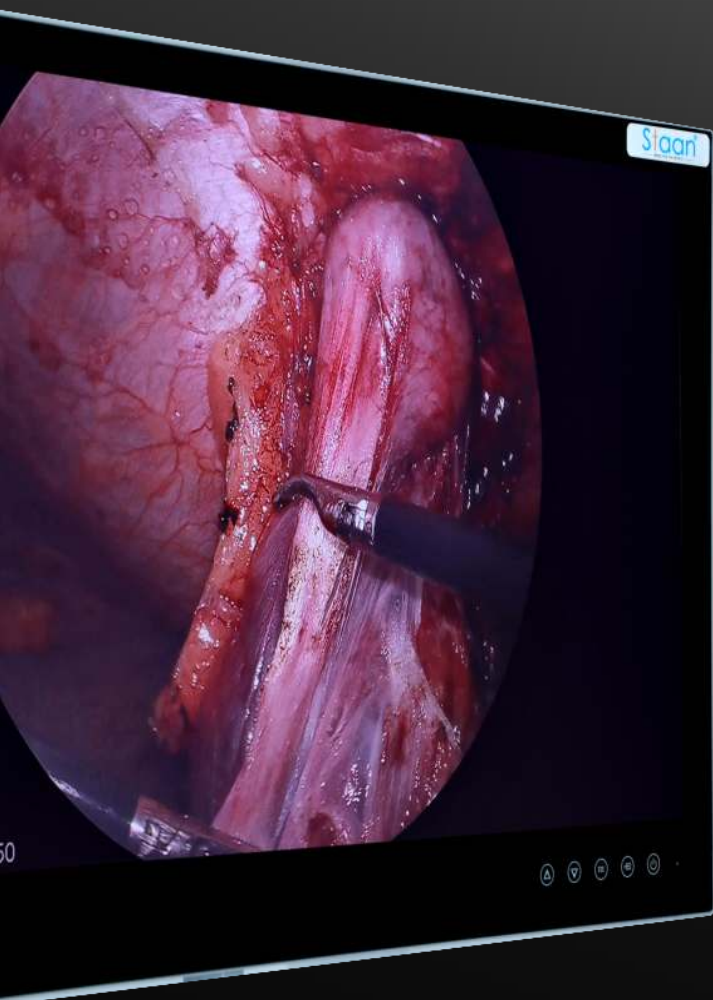
TECHNICAL SPECIFICATION

4K Camera

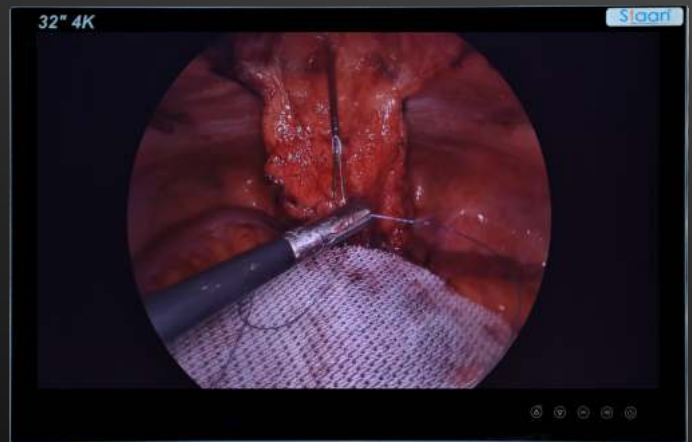
Resolution	3840 x 2160
Camera Type	9,000,000 pixel 3x 1/1.8" CMOS
White balance	Auto / Manual
Image quality	2100 lines
Minimum light	0.3 Lux
Shutter speeds	1/60 to 1/60000 (NTSC); 1/50 to 50000 (PAL)
Cable length	4 meters



4K Medical Monitor



The Staan 32" medical-grade monitor delivers 4K Ultra HD imaging at 3840×2160 pixels with a 60Hz frame rate. It offers zero-latency video output and robust components for longer durability than standard monitors. It's superior display reduces eye strain, enabling surgeons to work comfortably for extended periods

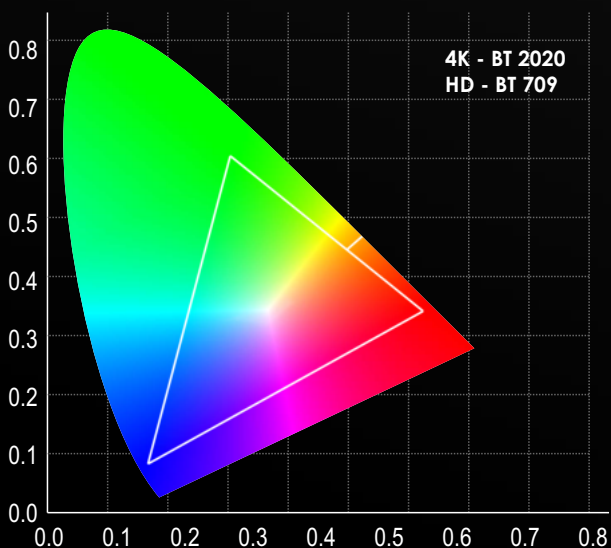


- Intuitive Touch Menu for easy access to main functions
- Navigation Buttons for smooth operation
- Quick Exit Button for hassle-free closure
- Power Button for instant start-up and shut-down

4K Medical Monitor

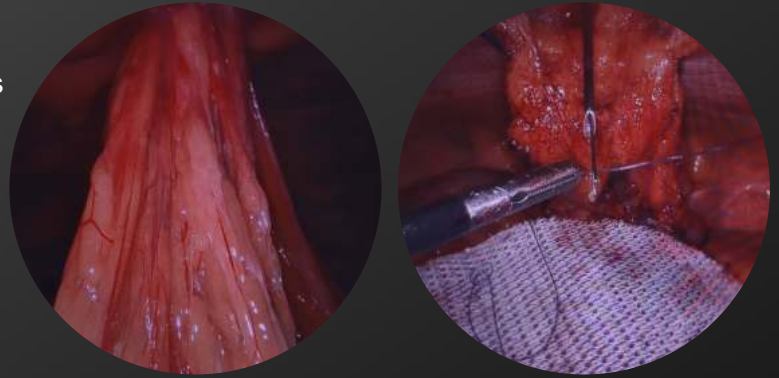
TECHNICAL SPECIFICATION

Screen Size	32"
Resolution	3840x2160
Aspect Ratio	16:9
Luminance	700cd/m ²
Response Time	14ms
Viewing Angle	178°
Input signal interface	HDMI, DVI, VGA, AV
Output signal interface	12G-SDI,HDMI & DVI
Dimension(without the base)	754/WXx470(Hx67(DJmm
Weight (without the base)	25Kg
Installation Standard	VESA: 100"100mm
Adapter	AC 80V-264V
Input Voltoge	DC 24V
Power Consumption	<130W



4K Telescope

- Constructed from high-quality stainless steel
- Durable and compatible with sterilization methods
- High-quality rigid rod for precise visualization
- Equipped with a new optical system
- Autoclavable and reusable
- Provides a large field of view
- Offers significant depth focus



Telescope
5mm (30°)



Telescope
10mm (30°)

Insufflator

- Pressure alarm function
- Sound alert function
- Touch screen display
- Automatic adjustment of pulse air supply time
- Making clinical application more safe and reliable
- Heating function
- Internal over pressure release valve
- Rapid and continuous delivery of gas
- Immediate response
- User-friendly design
- Highly portable
- Inbuilt safety features
- Display for actual gas consumption & temperature
- Greater accuracy & measurement of Co₂



Insufflator

TECHNICAL SPECIFICATION

Power supply	240 VAC
Ambient Temperature	-20°C ~ 80°C
Use gas	Co ₂ (Medical Grade)
Working Pressure	0-25mmHg
Display type	Digital
Weight (Approx)	2Kg
Air Input pressure	3 Bar
Capacity L	30 L

Accessories

- High pressure tube
- Silicon patient tube with connector
- Decompression watch
- Veress needle

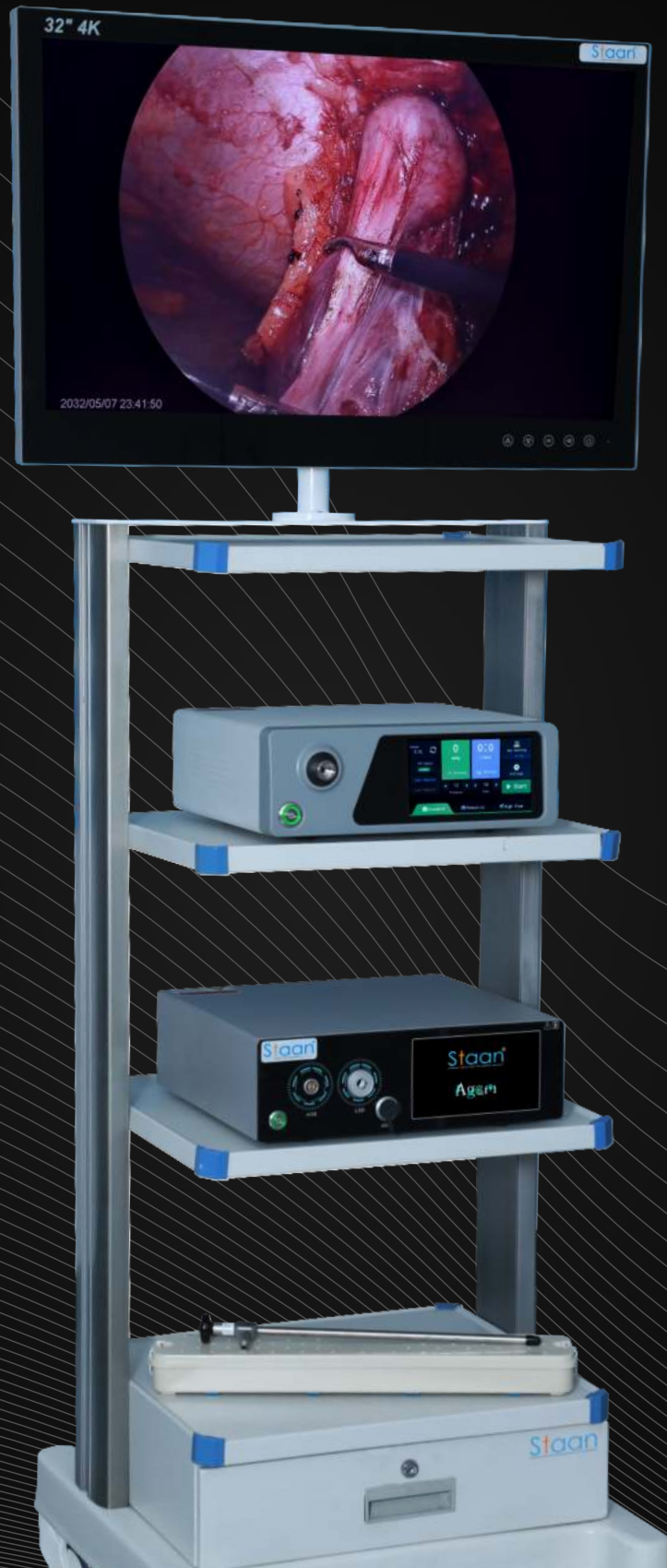
Instrument

Staan manufactures quality and safety standards ensures reliability and confidence in the operating theatre, while their versatility across multiple surgical disciplines makes them an indispensable part of modern laparoscopic practice. Collectively, these instruments represent a balance of technological refinement, clinical efficiency, and patient safety, aligning with the demands of advanced surgical care.

Instrument list

- Trocar & Cannula
- Veress Needle
- Maryland Dissecting Forceps
- Grasping Forceps Tooth
- Grasping Forceps Non Toothed
- Reddick Olsen Dissecting
- Tooth Grasper 2*4
- Metzenbaum Scissors
- Mono Polar Forceps
- Knot Pusher
- Bi-polar Forceps
- L-hook
- Spacula
- Suction & Irrigation
- Micro Needle Holder With Ratched
- Clip Applicator
- Reducer
- Claw Forceps With Ratchet
- Hemolock Clip Applicator
- Port Closure
- Stomach Grasping Forceps
- Uterine Manipulator
- Mayoma screw
- Bowel Grasper
- Scissor Curved
- Scissor Straight





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