

BUKHARI MEDICAL

Endoscopy System's Vision 1 FHD and 4K



- *Efficient & cost effective*
 - *Crystal clear Image*
 - *Sony CMOS sensor*
 - *Built in recording*
 - *Full HD and 4K*
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Endoscopy Systems

Vision 1 FHD

Vision 1 FULL HD camera is the go-to endoscopy solution for surgeons of all fields. Particularly in the field of Laproscopy, Urology, Gynaecology, ENT etc. The image resolution of 1920x1080 is perfect for clear surgeries and giving the doctors a clear view. Coupled with sony 1/1.8" CMOS sensor and builtin recording feature, vision 1 FHD is the camera system of choice for surgeons of all fields.



VISION 1 4K

Latest version of Vision 1 4K system with Light source and Endoscopy Trolley. It features a resolution of 3840x2160p with a frame rate of 60FPS. A progressive scan mode with the latest CMOS Chip from Sony. The SNR of >50db is makes the vision 1 4k system a market leader at a fraction of cost. The



● PRODUCT FEATURES

- Ease of use
- Cost Effective
- Resolution
1920x1080p
- Complete Brightness Controls
- Builtin recording feature
- Adjustable Surgical fields
- Sony CMOS Sensor 1/1.8"
- Multiple imaging modes
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ADVANTAGES

For Patients

- Minimally Invasive
- Better image quality
- Shorter Procedure
- Patient Safety
- Security for doctors

For Surgeons

- Precision and Control
- Reduced Procedure Time
- Versatility
- Minimal Invasiveness
- Enhanced Safety

MEDICAL GRADE LED'S

Vision 1 4k LED 27"

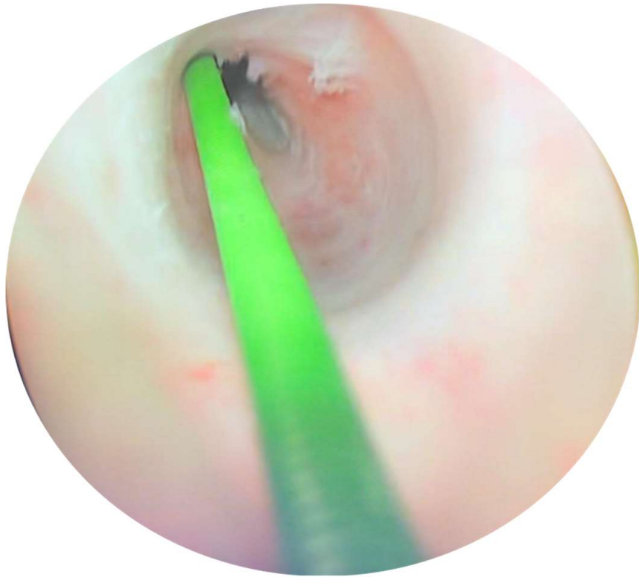
The Vision 1 4K system features a specialized medical grade monitor of 27". The monitor has a screen resolution of 3840x2160p and brightness nits of 1400cd/m2. The LED also features multiple videos in and out signals like HDMI 2.0, DVI, DP 2 adaptors. This makes the LED more versatile and capable of being used with any 4k camera system available in the market. Brightness, sharpness and gamma control makes the LED a very good choice in 4k endoscopy systems.

Vision 1 FHD LED 27"

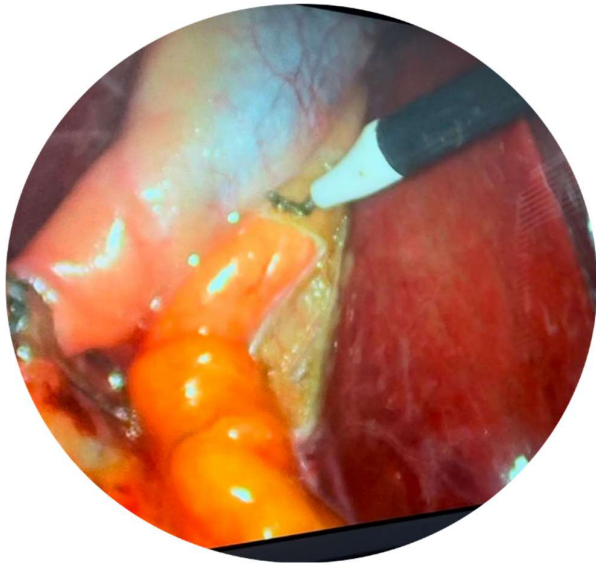
The Vision 1 FHD LED 27" Also features a special medical Grade LED with a pixel density of 1920x1080p and a signal To noise ratio of >50db. The video in and out featured in the FHD LED are HDMI, DVI, CVBS and SDI. This makes the Device capable of working with any older model of camera Systems available in the market. The LED comes in 2 models Of 1000cd/m2 and 700cd/m2 each with different levels of Brightness control for the surgery



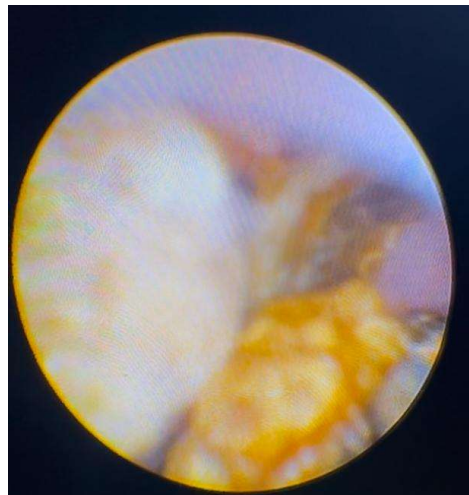
CLINICAL APPLICATIONS



Dr. Izhar performing a Ureteroscopy



Lap Cholie being performed by Dr. Shabbir



Camera Heads

Vision 1 Series Camera Head Features



- Reduced Fatigue for Surgeons
- Lightweight
- Design Ergonomics
- Patient Safety
- Lower Heat Generation
- Consistent Power Output

Vision 1 FHD and 4k Specifications



- Fully digital CMOS 4K camera head with 2160 x 3840p Camera
- Resolution 3840 x 2160 with 60FPS
- Scan Mode should be progressive
- Exchangeable camera cable
- C-Mount thread for easy coupler, exchange and free choice of coupler
- 1/1.8" Lens on Chip Sony CMOS Sensor or better
- 4 Camera head keys or better
- Zoom Objective f=15-30 mm or better/fixed coupler of choice
- Highly flexible cable 3m or better
- Resolution FHD 1080x1920
- 60 Frame per second for each camera head



TECHNICAL SPECIFICATIONS	
Device Model	Table Top device Vision 1
Power Ratings	100v~220v, 1.52 A
Frequency	60Frame rate
Operating temperate	Standard Room Temperate
Dimensions	L 11", W 11" , H 6"

Vision 1 series FEATURES	
OPERATING MODE	Multiple surgical modes
COUNTER	Can record surgeries
PRESSURE REGULATOR	Not Needed
RESET	REST COUNTER

ACCESSORIES	
Power Cable	250v :5A
Adaptor	L : 3m
HDMI 2.0 cable	L : 3m
Standard Attachment	Standard SMA fittings



CONTACT US
 MAIN SUE E ASEL ROAD, KHURPA CHAK
 STOP, OFF RAIWIND ROAD, LAHORE,

a.bukhari@bukharimedical.com
k.bukhari@bukharimedical.com

+92333 4282423
 +92 320 4103968