

3IN1 ENDOSCOPY CAMERA

1080P 60FPS FULL HD & 100W LED LIGHT SOURCE & 15.6" SCREEN



3G-SDI



SONY EXMOR™ 1/1.8" CMOS
171% size of the existing 1/2.8 CMOS product.
High sensitivity characteristics using 3.75 μm pixel.
Overwhelming low illuminance performance.



AUTOCALVABLE



FITS ALL ENDOSCOPE WITH Ø32MM EYEPIECE



IP68 WATER PROOF



ELECTROMAGNETIC SHIELDING



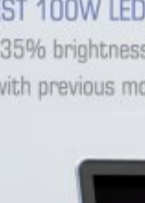
ORIGINAL 1080P/60FPS
Eyexis processor from Korea.
Process 3 gigabyte image data per second.
3G-SDI signal, real-time image.



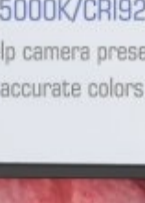
MULTI-FUNCTION KEYS
4 user-defined keys.
The 4 shortcut keys become arrow keys after entering camera menu.



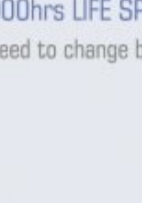
LED Light



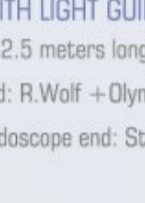
LATEST 100W LED BULB
Increase 35% brightness compared with previous model



5000K/CRI92
Help camera present accurate colors



50,000hrs LIFE SPAN
No need to change bulb



WITH LIGHT GUIDE
2.5 meters long
*Console end: R.Wolf + Olympus adaptor
Endoscope end: Storz



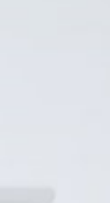
Medical Screen



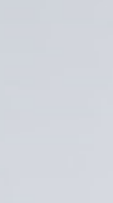
DCI-P3 COVERAGE RATE OF 99%



500 NITS BRIGHTNESS



COLOR ACCURACY ΔE<2



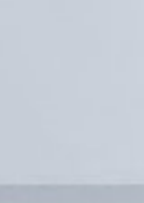
800:1 CONTRAST RATIO



Touch Screen



IPS SCREEN
178° view angle, support operation by wet hands or with gloves



LIGHT CONTROL
Temporary on/off
1-100 stepless adjustment



CAMERA CONTROL
8 scenes can be renamed and customised with parameters



Output



TO MONITOR
Any monitor with HDMI port and support 1080P/60Hz signal



TO COMPUTER / LAPTOP
By using external HDMI to USB3.0 adaptor. Video and photos can be taken by computer.



TO ANDROID PHONE
By using external HDMI to USB3.0 adaptor and USB to Type-C converter. Video and photos can be taken in phone APP and are easily uploaded to social media, email, cloud storage etc.



Parameters

CAMERA	
- Signal:	3G-SDI
- Lens:	F22mm (fits ø32mm eyepiece)
- Language:	English / Chinese / Spanish / French / Russia / Portuguese
- Functions:	White balance / Digital zoom / Color / Brightness / Contrast / Saturation / Sharpness / Gain / DNR / Gamma / Exposure mode / Preset scenes / Image enhance / Shutter / Anti-moire / Image position adjustment / Mirror / Flip
- Encoding:	H.264/265
- Shortcut keys:	4 (console) + 4 (handpiece)
- Output:	HDMI*3 USB*1(external) 2200R HDMI*1 DVI*1 SDI*1 CVBS*1
LED LIGHT	
- Lux:	>5,500,000 Lux
- Color rendering index:	92
- Color temperature:	5000K
- Light guide:	2.5 meters long <small>*R.Wolf + Olympus adaptor/console end Storz endoscope end)</small>
SCREEN	
- Luminance:	500 cd/m²
- Viewing Angle:	85/85/85/85
- Color Depth:	16.2M 99% DCI-P3
- sRGB:	135.71%
- Contrast Ratio:	800 : 1
- Work Mode:	AOSDS
- Refresh Rate:	60Hz
- Panel Size:	15.6 inch
SYSTEM	
- Input Voltage:	AC100-240V/50-60Hz
- Console dimension:	361 X 232 X 78mm
- Handpiece dimension:	130 X ø40mm
- Package dimension:	465 X 310 X 170mm
- Noise:	<32dB
- Console weight:	2.8Kg
- Handpieces weight:	400g
- Package weight:	6Kg



Package

- Console X1
- Camera head X1
- Optic light guide X1
- HDMI-USB adaptor X1
- USB to Type-C converter X1
- HDMI cable X1
- Power cord X1
- Aluminum carrying case X1

