



FAVS
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*Advanced Inspection system with
pantograph stand and 8MP 4K stand-alone
Real Time Autofocus Camera*

Stand	Type	Pantograph
	Rotating	Yes
	Tilting	Yes
	Table clamp	Yes
Product Dimensions	Total height (mm)	645
	Pillar diameter (mm)	35
	Pillar height (mm)	330
	Horizontal arm (mm)	570
	Total depth (mm)	740
Product Weight	(kg)	10
HDMI Monitor	Display size	15.6"
	Display resolution	3840x2160
	Contrast ratio	1000:1
	Luminous flux (lumen)	350
	Power plug type	European
	Input voltage	110/240 Vac, 50/60 Hz
	Output voltage	5 Vdc 4 A
	Input ports	Micro USB, Type-C (x2), Mini HDMI
	Output ports	Earphones
	Dimensions (mm)	356 x 225 x 12
Weight (Kg)	0.8	
Camera General specifications	Stand alone use	Yes
	Autofocus	Yes
	Working distance (mm)	160-255
	SD Card Still image capture	Yes
	SD Card Video recording	Yes
	USB flash disk Still image capture	Yes
	USB flash disk Video recording	Yes
	USB output	Yes
	HDMI output	Yes
	WiFi output	Yes
	Ethernet output	Yes
	Housing	Aluminium
	Dimensions (mm)	80 x 80 x 116

	Weight (kg)	0,68
Sensor	Camera resolution (n° of pixels: W x H)	3840x2160
	Color / Monochrome	Color
	Sensor Size	1/2.8"
	Sensor Technology	CMOS
	Sensor Type	SONY STARVIS
	Optical Zoom	1x-18x
	Autofocus	Yes
	Image Format	16/9
	Pixel Size (mm)	1.45x1.45
	Acquisition technology	Rolling shutter
	G sensitivity	300mV at 1/30sec
	Dark Signal	0.13mV at 1/30sec
	ADC conversion	8 Bit
	Color Depth	8 Bit
	Exposure time	0.04 msec - 1000 msec
	Binning	1x1
IR filter	Yes	
IR filter range (nm)	380-650 (IR CUT)	
USB	PC Camera resolution (MP)	3840x2160
	USB standard	USB2.0
	Frame rate full resolution (fps)	30@3840x2160
HDMI	HDMI resolution (MP)	8
	Frame rate full resolution (fps)	30@3840x2160
	Live HDMI measurement	Yes
	Exposure	Auto / Manual
	White Balance	Auto / Manual
WiFi	WiFi resolution (MP)	8
	WiFi Frame rate full resolution (fps)	30@3840*2160
	WiFi Speed	802.11n 150Mbps
	WiFi Signal	From the camera
	WiFi Signal ready	About 10 seconds after turning on
Ethernet	Ethernet resolution (MP)	Yes
	Ethernet type	802.3ab
Camera Power Supply	Type	External
	Connector	Jack, 2.5 mm
	Power plug type	Multiplug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60Hz
	Output voltage	12 Vdc 3A
	LED indicator	Yes
Camera accessories	LED ringlight	Yes
	HDMI cable (0,3m)	Yes
	Wireless Mouse	Yes
	SD card	Yes
	WiFi Adapter	Yes
Environment	Working Temperature	-10°C up to +50°C
	Storage Temperature	-20°C up to +60°C
	Relative Humidity	30% to 80%
	Storage Humidity	10% to 60%

Operating System	OS	Windows 7
	OS	Windows 8
	OS	Windows 10 (32Bit)
	OS	Windows 10 (64Bit)
	OS	Windows 11
	OS	Osx (MAC Osx) starting from 10.7.5 (only LITEVIEW)
	OS	Linux (only LITEVIEW)

Available Software	PC SW	PROVIEW
	PC SW	LITEVIEW
	Camera SW	HDMIPRO (built-in)

PC requirements	PC	CPU: Intel Core2 - 2.8GHz or higher
	PC	RAM: 2GB or more
	PC	USB 2.0

General	Built-in SW Specifications	
	Archiving	Yes
	Multi-language menu	Yes
	Available languages	
	Chinese	Yes
	English	Yes
	French	Yes
	German	Yes
	Italian	Yes
	Japanese	Yes
	Korean	Yes
	Russian	Yes
	Thai	Yes

Image Acquisition	Still image mutiple format saving	Yes
	Video recording multiple format saving	Yes
	Continuous automatic exposure	Yes
	Manual exposure	Yes
	Color acquisition	Yes
	Gray-scale acquisition	Yes
	Numerical Focus Indicator	Yes
	White Balance	Auto
	Image enhancement	Yes
	Zoom in	Yes
	Zoom out	Yes
	Image Comparison	Yes
	Browse of Images and Video	Yes
	Freeze image	Yes
	Horizontal Flip	Yes
	Verical Flip	Yes

Image Processing	Text Overlay	Yes
	Ruler Overlay	Yes
	Arrow Overlay	Yes
	Measurement Overlay	Yes
	Grids	Yes

Measurements	Live measurement	Yes
	Still image measurement	Yes
	Select measurement unit	Yes
	Available measurements	

Point	Yes
Line	Yes
3 Points Line	Yes
3 Points Vertical Line	Yes
Angle	Yes
4 Points Angle	Yes
Parallel lines	Yes
Rectangle	Yes
3 Points Rectangle	Yes
Ellipse	Yes
5 Points Ellipse	Yes
Circle (Center + Radius)	Yes
Circle (3 Points)	Yes
2 Circle (Center + Radius)	Yes
2 Circle (3 Points)	Yes
Annulus	Yes
Annulus (3 Points)	Yes
Curve	Yes
Arc	Yes
Polygon	Yes
Export to Excel	Yes