



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

|                                      |                                    |                                   |
|--------------------------------------|------------------------------------|-----------------------------------|
| <b>Stand</b>                         | Type                               | Pantograph                        |
|                                      | Rotating                           | Yes                               |
|                                      | Tilting                            | Yes                               |
|                                      | Table clamp                        | Yes                               |
| <b>Product Dimensions</b>            | Total height (mm)                  | 645                               |
|                                      | Pillar diameter (mm)               | 35                                |
|                                      | Pillar height (mm)                 | 330                               |
|                                      | Horizontal arm (mm)                | 570                               |
|                                      | Total depth (mm)                   | 740                               |
| <b>Product Weight</b>                | (kg)                               | 10                                |
| <b>HDMI Monitor</b>                  | 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                                |                                   |
| <b>Camera General specifications</b> | 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                               |
|                                      | Dimensions (mm)                    | 80 x 80 x 116                     |
|                                      | Weight (kg)                        | 0,68                              |

|                            |   |                                   |
|----------------------------|---|-----------------------------------|
| <b>Sensor</b>              | 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)                        |                                   |
| <b>USB</b>                 | PC Camera resolution (MP)               | 3840x2160                         |
|                            | USB standard                            | USB2.0                            |
|                            | Frame rate full resolution (fps)        | 30@3840x2160                      |
| <b>HDMI</b>                | HDMI resolution (MP)                    | 8                                 |
|                            | Frame rate full resolution (fps)        | 30@3840x2160                      |
|                            | Live HDMI measurement                   | Yes                               |
|                            | Exposure                                | Auto / Manual                     |
|                            | White Balance                           | Auto / Manual                     |
| <b>WiFi</b>                | 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 |
| <b>Ethernet</b>            | Ethernet resolution (MP)                | Yes                               |
|                            | Ethernet type                           | 802.3ab                           |
| <b>Camera Power Supply</b> | Type                                    | External                          |
|                            | Connector                               | Jack, 2.5 mm                      |
|                            | Power plug type                         | EU PLUG                           |
|                            | Input voltage                           | 100/240 Vac, 50/60Hz              |
|                            | Output voltage                          | 12 Vdc 3A                         |
|                            | LED indicator                           | Yes                               |
| <b>Camera accessories</b>  | LED ringlight                           | Yes                               |
|                            | HDMI cable (0,3m)                       | Yes                               |
|                            | Wireless Mouse                          | Yes                               |
|                            | SD card                                 | Yes                               |
|                            | WiFi Adapter                            | Yes                               |
| <b>Environment</b>         | 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%                        |
| <b>Operating System</b>    | 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)                              |

|                           |           |                    |
|---------------------------|-----------|--------------------|
| <b>Available Software</b> | PC SW     | PROVIEW            |
|                           | PC SW     | LITEVIEW           |
|                           | Camera SW | HDMIPRO (built-in) |

|                        |    |                                     |
|------------------------|----|-------------------------------------|
| <b>PC requirements</b> | PC | CPU: Intel Core2 - 2.8GHz or higher |
|                        | PC | RAM: 2GB or more                    |
|                        | PC | USB 2.0                             |

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

|                          |  |      |
|--------------------------|--|------|
| <b>Image Acquisition</b> | 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                                    |      |

|                         |                     |     |
|-------------------------|---------------------|-----|
| <b>Image Processing</b> | Text Overlay        | Yes |
|                         | Ruler Overlay       | Yes |
|                         | Arrow Overlay       | Yes |
|                         | Measurement Overlay | Yes |
|                         | Grids               | Yes |

|                     |                               |     |
|---------------------|-------------------------------|-----|
| <b>Measurements</b> | Live measurement              | Yes |
|                     | Still image measurement       | Yes |
|                     | Select measurement unit       | Yes |
|                     | <b>Available measurements</b> |     |
|                     | 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 |