



*Full HDMI C-mount Autofocus Microscope  
Camera*

|                                   |                                         |                   |
|-----------------------------------|-----------------------------------------|-------------------|
| <b>Camera specifications</b>      | HDMI Camera resolution (MP)             | 2                 |
|                                   | Camera resolution (n° of pixels: W x H) | 1920x1080         |
|                                   | HDMI Signal output                      | Yes               |
|                                   | Color / Monochrome                      | Color             |
|                                   | Sensor Size                             | 1/2.8"            |
|                                   | Sensor Technology                       | CMOS              |
|                                   | Sensor Type                             | APTINA CMOS       |
|                                   | Rolling Shutter                         | Yes               |
|                                   | Autofocus                               | Yes               |
|                                   | Image Format                            | 16/9              |
|                                   | Pixel Size (µm)                         | 2.9x2.9           |
|                                   | Frame rate full resolution (fps)        | 50@1920x1080      |
|                                   | G sensitivity                           | 510mV at 1/30sec  |
|                                   | Dark Signal                             | 0.15mV at 1/30sec |
|                                   | ADC conversion                          | 8 Bit             |
|                                   | Color Depth                             | 8 Bit             |
|                                   | Exposure time                           | Auto              |
|                                   | Binning                                 | 1x1               |
|                                   | IR filter                               | Yes               |
|                                   | Cooling Temperature                     | None              |
|                                   | Camera Power                            | 5V 2A             |
|                                   | C-Mount                                 | Yes               |
|                                   | CS-Mount                                | Yes               |
|                                   | Dimensions (mm)                         | 65 x 65 x 80      |
|                                   | Weight (Kg)                             | 0.42              |
| <b>Camera accessories</b>         | HDMI cable (2m)                         | Yes               |
|                                   | Wireless Mouse                          | Yes               |
|                                   | 16GB SD card                            | Yes               |
| <b>Environment specifications</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>Warranty</b>                   | Years                                   | 2                 |