



Microscopes for High Definition Monitors

HDMI

SKM-Z200C-FHD2 Zoom Lens Type



NEW
New product

***1920x1080P High resolution**
Working distance is 60mm although magnification is from x85 to x510
Magnification on monitor 21.5" (FHD)

1	1.0	2.0	3.0	4.0	5.0	6.0
2	85	170	255	340	425	510
3	5.50x3.09	2.75x1.55	1.83x1.03	1.38x0.77	1.10x0.62	0.92x0.52

1. Optical magnification
2. magnification on monitor 21.5 inch (FHD)
3. Range of Observation (mm)
Working distance: 60mm
*When conversion lens x0.5 SKL-B is attached, a range of observation is doubled.
When conversion lens x2.0 SKL-A is attached, a range of observation is halved.

When conversion lens x0.5 SKL-D is attached, working distance is 110mm, x42.5 to x255 magnification on monitor
When conversion lens x2.0 SKL-E is attached, working distance is 26mm, x170 to x1020 magnification on monitor

*Conversion lenses are not included in the price.

	Specification
Shooting device	1/2.8" 2.16 Megapixel colour CMOS
Image output pixels	1920 (H) x1080 (V)
Scan mode	Progressive
Video output	Based on DVI 1.0 (Connected by HDMI connector)
Power supply	+9 to +15Vdc (Typical: +12Vdc)
Temperature, humidity	Temperature: 0-40°C, Humidity: 0-85% (No condensation)

* We have HDMI monitors.

*Cable for image output is not included.

HDMI

SKM-Z300C-FHD Zoom Lens Type



***1920x1080P High resolution**
Using is easier because working distance is 88mm

1	0.5	0.75	1.0	1.5	2.0
2	42.5	63.75	85	127.5	170
3	11.0x6.2	7.3x4.1	5.5x3.1	3.7x2.1	2.7x1.5

1. Optical magnification
2. magnification on monitor 21.5 inch (FHD)
3. Range of Observation (mm)
Working distance: 88mm
*When conversion lens x0.5 SKL-B is attached, a range of observation is doubled.
When conversion lens x2.0 SKL-A is attached, a range of observation is halved.

When conversion lens x0.5 SKL-B is attached, working distance is 150mm, x21.25 to x85 magnification on monitor
When conversion lens x2.0 SKL-A is attached, working distance is 32mm, x85 to x340 magnification on monitor

*Conversion lenses are not included in the price.

Full high definition camera specification

	Specification
Shooting device	1/2.8" 2.16 Megapixel Colour CMOS
Image output pixels	1920 (H) x1080 (V)
Scan mode	Progressive
Video output	Based on DVI 1.0 (Connected by HDMI connector)
Power supply	+9 to +15Vdc (Typical: +12Vdc)
Temperature, humidity	Temperature: 0-40°C, Humidity: 10-80% (No condensation)

* We have HDMI monitors.

*Cable for image output is not included.

Standard Contents of SKM-Z200C-FHD2, SKM-Z300C-FHD

- Zoom lens (SKL-Z200C or SKL-Z300C)
- High definition camera (SKM-Z300C-FHD has Full High Definition camera) with AC/DC Adaptor
- LED Ring light (SKLS-A)
- Stand (SKS-ST100A)
- Holder (SKS-HOLD-A)