



# Microscope for High Definition Monitor

**HDMI**

## SKM-Z200C-HD2 Zoom Type



\*Cable for image output is not attached.

**1280x720P High resolution (3times better than old style TV)  
Working distance is 60mm although magnification is x92 to x552.**

1	1.0	2.0	3.0	4.0	5.0	6.0
2	92	184	276	368	460	552
3	4.8X2.7	2.4X1.35	1.6X0.9	1.2X0.675	0.96X0.54	0.8X0.45

1.Optical magnification  
2.magnification on monitor 20 inch(Wide)  
3.Range of Observation(mm)  
Working distance : 60mm  
\*When conversion lens x0.5 SKL-D is attached,  
a range of observation is double.  
When conversion lens x2.0 SKL-E is attached,  
a range of observation is half.

When conversion lens x0.5 SKL-D is attached,  
working distance is 110mm, x46 to x276 magnification on monitor  
When conversion lens x2.0 SKL-E is attached,  
working distance is 26mm, x184 to x1104 magnification on monitor

\*Conversion lenses are not included in the price.  
\*We have SKM-Z200C-HD which has a coarse and micromotion holder.

### High definition camera specification

	Specification
Shooting device	1/3 inch SXGA colour CMOS
Image output pixels	1280(H)x720(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.

**HDMI  
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## SKM-Z300C-FHD Zoom Type



\*Cable for image output is not attached.

**1920x1080P High resolution (7times better than old style TV)  
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 double.  
When conversion lens x2.0 SKL-A is attached,  
a range of observation is half.

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 inch 230 Mega pixel 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 monitor.

### SKM-Z200C-HD2, SKM-Z300C-FHD of standard contents

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)