

SILVER 150 Series

# SILVER 152iX (4X, 10X, 40X)





SILVER LINE - SILVER 150 Series

## SILVER 152iX (4X, 10X, 40X)

<b>Optical system</b>	Infinity optical system
<b>Observation tube</b>	Binocular head, Siedentopf type with Built-in digital Wi-Fi camera
<b>Sensor type</b>	CMOS
<b>Sensor size</b>	1/3"
<b>Capture resolution</b>	4MP (2592x1520 pixels)
<b>Live display mode through Wi-Fi</b>	1280x720, 1920x1080 pixels (Full HD)
<b>Live display mode through ethernet</b>	1280x720, 1920x1080 pixels (Full HD)
<b>Data transfer</b>	Wi-Fi (2.4 & 5 GHz), Ethernet
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On left tube, +/- 5 diopter
<b>Eyepieces</b>	Widefield WF10X/20mm
<b>Nosepiece</b>	Reversed quadruple
<b>Objective classification</b>	Infinity Plan Achromatic, DIN
<b>Objectives</b>	4X/0.10 (W.D=15.5mm), 10X/0.25 (W.D=7mm), 40X/0.65/S (W.D=0.71mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position coaxial stage control and sample holder
<b>Stage size</b>	140x140mm
<b>Travel range X&amp;Y</b>	77x50mm
<b>Condenser</b>	Spiral mounted Abbe condenser N.A. 1.25
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system
<b>Fine focus precision</b>	2µm
<b>Focusing stroke</b>	7mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter</b>	Built-in frosted glass
<b>Transmitted illumination</b>	LED 0.5W with intensity control
<b>Software</b>	Motic Images Plus 3.0 for Windows, OSX and Linux, MotiConnect App for iOS and Android
<b>Transformer</b>	External
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Dust cover, calibration slide
<b>Dimensions LxWxH</b>	310x173x365mm
<b>Net weight</b>	5.2kg