

# OSIRIS Camera

## Technical Specification

<b>Operation wavelength</b>	0.9 – 1.7 $\mu$ m
<b>Sensor</b>	InGaAs array
<b>Lens</b>	6 element 150mm focal length F/5.6 - F45
<b>Image size</b>	User selectable horizontally and vertically 512 x 512 to 4096 x 4096 pixels
<b>Integration time</b>	Fast scan 1 m/sec Slow scan 10/sec (50HZ mains frequency) 8.3 m/sec (60HZ mains frequency)
<b>Full image acquisition time</b>	Fast scan: 2 minutes Slow scan: 10 minutes
<b>Scene illumination</b>	250 LUX at F/5.6 (measured using 2700°K Tungsten Halogen source)
<b>Field of view</b>	40° Horizontal x 40° Vertical
<b>Object field</b>	200mm to infinity
<b>Focusing</b>	Fast preview on screen with zoom
<b>Operating system</b>	Windows™ 7 and above (PC not supplied)
<b>Power supply</b>	100-120V, 200-240V 50 60Hz
<b>Interface</b>	USB 2.0
<b>Dimensions</b>	220x200x300mm (9"x8"x12") at closest working distance
<b>Case dimensions</b>	250x450x550 mm (10"x18"x22")
<b>Weight</b>	5kg (11lb)
<b>Weight in case</b>	10.5kg (23lb)
<b>Mechanical interface</b>	1/4" and 3/8" tripod mount (tripod not supplied)
<b>Storage temperature</b>	0°C - 50°C non condensing
<b>Operating temperature</b>	10°C - 35°C non condensing