



**OPUS**  
INSTRUMENTS

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## Apollo Camera Technical Specification

<b>Operation wavelength</b>	0.9 – 1.7 $\mu$ m
<b>Sensor</b>	128 x 128 px InGaAs area sensor
<b>Sensor Cooling</b>	Yes
<b>Lens</b>	6 element 150mm focal length F/5.6 - F45
<b>Image size</b>	Up to 26MP User selectable horizontally and vertically: 128 x 128 to 5100 x 5100 pixels
<b>Image Output</b>	User selectable: 16bit TIFF, FIT, PNG, 8bit JPG
<b>Integration time</b>	Adjustable up to 50ms
<b>Full image acquisition time</b>	20 -25 minutes (depending on integration time)
<b>Field of view</b>	40° Horizontal x 40° Vertical
<b>Object field</b>	200mm to infinity
<b>Focusing</b>	Live software preview with focus assist
<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>	229x351x559 mm (9"x14"x22")
<b>Weight</b>	~5kg (11lb)
<b>Weight in case</b>	~11.85kg (26lb)
<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