

## SHSCam – Sensor head overview (355 – 1064 nm)

SHSCam Model	Detection area	Lateral resolution /microlenses	Greyscale	Camera bus	Evaluation rate (typical)	Wavelength range 355 – 800nm	Wavelength range 800 – 1064nm
AR3-130-GE	4.9 x 3.7 mm <sup>2</sup>	37 x 27	12 bit	GigE	30 Hz	+	
AR3-075-GE	4.9 x 3.7 mm <sup>2</sup>	65 x 49	12 bit	GigE	26 Hz	+	
AR3-075-GE NIR	4.9 x 3.7 mm <sup>2</sup>	65 x 49	12 bit	GigE	26 Hz		+
HR3-130-GE	8.4 x 7.0 mm <sup>2</sup>	63 x 53	12 bit	GigE	14 Hz	+	
HR3-075-GE	8.4 x 7.0 mm <sup>2</sup>	111 x 93	12 bit	GigE	10 Hz	+	
HR3-075-GE NIR	8.4 x 7.0 mm <sup>2</sup>	111 x 93	12 bit	GigE	10 Hz		+
SHR4-130-GE	10.3 x 10.3 mm <sup>2</sup>	79 x 79	12 bit	GigE	9 Hz	+	
SHR4-075-GE	10.3 x 10.3 mm <sup>2</sup>	137 x 137	12 bit	GigE	6 Hz	+	
SHR4-075-GE NIR	10.3 x 10.3 mm <sup>2</sup>	137 x 137	12 bit	GigE	6 Hz		+
UHR3-130-GE	15.2 x 15.2 mm <sup>2</sup>	117 x 117	12 bit	GigE	7 Hz	+	
UHR3-075-GE	15.2 x 15.2 mm <sup>2</sup>	203 x 203	12 bit	GigE	4 Hz	+	
UHR3-075-GE NIR	15.2 x 15.2 mm <sup>2</sup>	203 x 203	12 bit	GigE	4 Hz		+
XHR2-110-GE	36.4 x 27.6 mm <sup>2</sup>	331 x 251	12 bit	GigE	~1 Hz	+	

## SHSCam – UV/DUV Sensor head overview (193 - 405 nm)

SHSCam Model	Detection area	Lateral resolution /microlenses	Greyscale	Camera bus	Evaluation rate (typical)	Wavelength range 193 – 365nm	Wavelength range 266 – 405nm
HR4-130-GE DUV	7.8 x 7.8 mm <sup>2</sup>	59 x 59	12bit	GigE	16 Hz	+	
SHR6-130-GE DUV	12.2 x 12.2 mm <sup>2</sup>	93 x 93	12 bit	GigE	7 Hz	+	
SHR6-130-GE UV	12.2 x 12.2 mm <sup>2</sup>	93 x 93	12 bit	GigE	7 Hz		+
HR3-130-GE UV	8.4 x 7.0 mm <sup>2</sup>	63 x 53	12 bit	GigE	24 Hz		+
UHR3-130-GE UV	15.2 x 15.2 mm <sup>2</sup>	117 x 117	12 bit	GigE	7 Hz		+

## SHSCam – SWIR Sensor head overview (980 - 1700 nm)

SHSCam Model	Detection area	Lateral resolution /microlenses	Greyscale	Camera bus	Evaluation rate (typical)	Cooling
SWIR-210-GE	9.6 x 7.6 mm <sup>2</sup>	45 x 35	14 bit	GigE	30 Hz	Sensor thermoelectric cooling, camera passive air cooling
SWIR-350-GE	15.9 x 12.7 mm <sup>2</sup>	45 x 35	14 bit	GigE	30 Hz	Sensor thermoelectric cooling, camera passive air cooling