

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

| SHSCam Model    | Detection area              | Lateral resolution<br>/microlenses | Greyscale | Camera bus | Evaluation rate<br>(typical) | Wavelength range<br>355 – 800nm | Wavelength range<br>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                        | +                               |                                  |

\* Also available with USB3.0 camera bus

## 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 |
|-----------------|-----------------------------|---------------------------------|-----------|------------|---------------------------|------------------------------|------------------------------|
| 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 |