

UV / IR Viewers

LASER COMPONENTS' UV/IR viewers convert invisible laser radiation in the range from 350 – 1550 nm to visible green light, which is easily detected by the human eye. The handheld viewers are battery operated and thus flexible in their application. The image is created in real time using a converter tube. All viewers come in a transport case, batteries included.



Accessories:

- Lenses for the near range
- Bandpass filters used to block out the surrounding light
- C-mount adapters
- C-mount objectives with an iris
- Iris diaphragm used to adjust the intensity

Type	84499C	84499C-5
Wavelength range [nm]	350 – 1350*	350 – 1550*
Peak sensitivity at [nm]	350, 800	350, 800
Enlargement	1:1	1:1
Viewing angle	24°	24°
Working distance [m]	0.5 – unlimited	0.5 – unlimited
Resolution [lines/mm]	40	40
Objective	26 mm / f 3.0	26 mm / f 3.0
Image converter	converter tube	converter tube
Operating time with battery	> 250 h	> 250 h
Dimensions [mm]	165 x 53 x 190	165 x 53 x 190
Weight [g]	590	590
C-mount connection using an adapter option	yes	yes

* Sensitivity test: Visualization of a 350 µW LED at 1550 nm and a distance of 2.4 m. The use of bandpass filters is recommended at wavelengths below 350 nm and above 1360 nm.