

# CASCADE LASER CORPORATION

## ElectroViewer 7215

### Product Information



Figure 1: Hand-held infrared viewer makes near-infrared images visible. Each model includes a 25mm objective lens (L25F1.4), adjustable eyepiece.

### Notable Features:

- edge to edge sharp image
- high resolution and brightness
- high sensitivity IR response
- C-mount
- adjustable lens iris (standard)
- compact and lightweight

The ElectroViewer 7215 sets new standards with an image that is sharp and in-focus “edge to edge”. The brightest image available today, the hand held viewer is designed for the observation of near-IR sources that radiate from 0.4-1.3 microns. Because of its spectral response, the 7215 is ideal for viewing and aligning laser beams and stray reflections (for such lasers as GaAs laser diodes @800-950 nm, Nd: YAG @1060 nm, GaAlAs @1350 nm). In spectroscopy, the 7215 is useful in observing the reflectance properties of various materials. Also, with the addition of a near-infrared light source, the ElectroViewer 7215 can be used for such “see-in-the-dark” applications as: film processing, retinal tissue examination as well as night vision. An extended range 7215P is available for observation in the 0.4-1.5 micron range.

## Models of the ElectroViewer 7215

7215	Standard model includes on/off push button switch, 9V alkaline battery.
7215-P	Premium response model includes on/off push button switch, 9V alkaline battery.
7215-S	Optional model includes on/off toggle switch, 9V alkaline battery.
7215-AC	Optional model includes on/off push button switch, 120V AC adapter.
7215-ACE	Optional model includes on/off push button switch, 240V AC adapter.
7215-PS	Premium response model includes on/off toggle switch, 9V alkaline battery.
7215-PAC	Premium response model includes on/off push button switch, 120V AC adapter.
7215-PACE	Premium response model includes on/off push button switch, 240V AC adapter.
7215-SAC	Optional model includes on/off toggle switch, 120V AC adapter.
7215-SACE	Optional model includes on/off toggle switch, 240V AC adapter.
7215-PSAC	Premium response model includes on/off toggle switch, 120V AC adapter.
7215-PSACE	Premium response model includes on/off toggle switch, 240V AC adapter.

## Accessories for the ElectroViewer 7215

7215-202	CCD Relay Lens (interfaces 7215 with 1/2" CCD camera)
C7215	Foam lined carrying/storage case
L16F1.6	16mm F1.6 objective lens (with integral iris diaphragm)
L25F1.4	25mm F1.4 objective lens (with integral iris diaphragm)
L50F1.8	50mm F1.8 objective lens (with integral iris diaphragm)
L135F2.8	135mm F2.8 objective lens (with integral iris diaphragm)
Z12.5-75F1.2	12.5-75mm F1.2 zoom objective lens (with integral iris diaphragm)
CLS	Close-up lens set (37.5mm thread; for L25F1.4 lens only) for focusing to about 2-3"
XT	Extension tube set (for use between lens and camera) for focusing to about 1-2"
IRFV	Visible light cut filter attaches to lens filter thread
F25	Filter Capture Ring. Captures 1" filters in front of viewer lens
LPF-*	- Long-pass filter 700, 750, 800, 850, 900, 950, 1000, more
SPF-*	- Short-pass filter 700, 750, 800, 850, 900, 950, 1000, more
IF-*	- Band-pass Interference filter 700, 710, 720, ...1050, 1060, more
NDF-*	Neutral-density filter 0.1, 0.2, ...0.9, 1.0, 1.5, 2.0, 3.0, more

Contact Cascade Laser Corporation for ordering information or to request a quotation on any of these products.

### **Cascade Laser Corp.**

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