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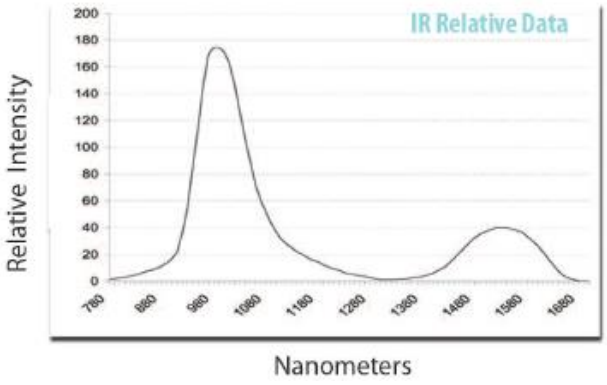
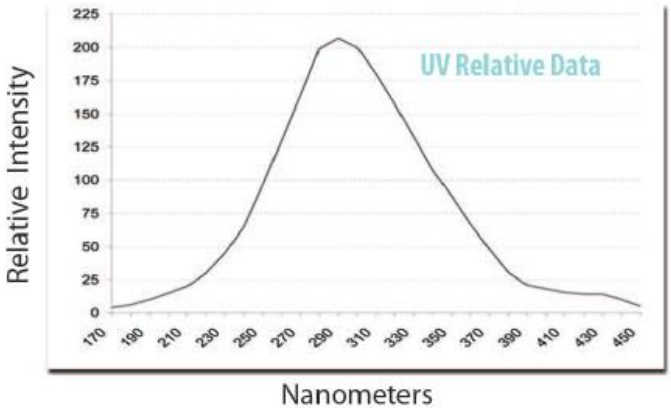
VIEW-IT™

VIEW-IT™ IR and UV detectors feature a high efficiency laser sensitive material that provides an unlimited period of viewing for both pulsed and continuous wave lasers. These products require no charging, use no batteries or external power, yet provide continuous viewing of laser beam shapes.

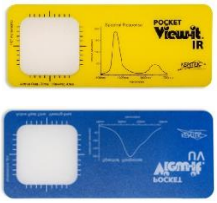
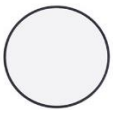
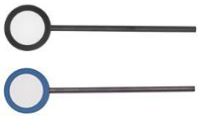
VIEW-IT™ detectors are stimulated by lasers with infrared wavelengths, 800-1700nm or 200-390nm, and emit a green or red colour. The available configurations include discs, blocks, pockets cards and wand and stand assemblies. Also available are flexible sheets with low tack adhesive that you can cut to fit your unique application.

Specifications	Infrared	UV
Stimulation Range	800-1700nm	190-390 nm
Emission Colour	Green 550nm	Red 650-660 nm
Typical Applications	Diode 808nm InGaAsp 808.5nm AlGaAsP 830nm Ytterbium Fiber 1030-1130nm Erbuim Fiber 1535-1585nm Thulium Fiber 1800-4700nm Alexandrite 800-820 Nd:YVO4 914nm Nd:glass 1060nm Nd:YAG 1064nm YB:YAG 1030nm Ytterbium Raman Fiber Laser 1200-1500nm Nd:YLF 1047nm GaAs/AlGaAs 750-910nm InGaAs 980nm InGaAsP 980nm Er:glass 1535nm Cr:forsterite 1173-1338nm Cunyite1348-1442nm Cr:LSGO 1150-1600nm Cr:LIGO 1160-1620nm Ytterbium Fiber laser 1060-1080nm Cr:YAG 1350-1550nm Ti:Sapphire tunable 675-1100nm	Alexandrite 4th harmonic 200-215nm Nd:YAG 5th harmonic 213nm HeAg 224.3nm Alexandrite 3rd harmonic 240-280nm KrF Excimer 248nm NeCu 248.6nm Ti:Sapphire 3rd harmonic 250-300nm Yb Fiber 4th harmonic 257-282nm Ar-ion 257.3nm Nd: YAG 4th harmonic 266nm GaN and AlGaN 290-390nm XeCl Excimer 308nm HeCd 325nm N2 337.1nm Ytterbium fiber 3rd harmonic 343-376nm Alexandrite 2nd harmonic 343-376nm XeF Excimer 351nm Ar-ion 351nm Ti:sapphire 2nd harmonic 360-460nm Ar-ion 364nm InGaN 375nm
Persistence	<10 msec (stimulation removed)	<10 msec (stimulation removed)
Damage Threshold:	<10 µ J/cm2 for a typical Q-switched laser <1GW/cm2 for pulsed lasers	<1 µ J/cm2 for pulsed laser <10 MW/cm2 for continuous wave lasers
Sensitivity Threshold:	>10 µ J/cm2 for pulsed lasers >100 µ W/cm2 for continuous wave lasers	>10 µ J/cm2 for pulsed lasers >100 µ W/cm2 for continuous wave lasers
Power Density:	min. 1 m J/cm2 max. 30 J/cm2	min. 1 m J/cm2 max. 20 J/cm2
Diffuse Emission:	0.4 to 1%	0.4 to 1%





VIEW-IT™ Ordering Information

	Target Size	Wavelength	Description	Order Number
	38mm Square	IR 800-1700nm UV 190-390nm	View-It IR Detector Pocket Card View-It UV Detector Pocket Card	VW-PKT-IR VW-PKT-UV
	20mm Diameter	IR 800-1700nm	View-It IR Detector Disc 20mm.	VSPOT-IR
	38mm Diameter	IR 800-1700nm UV 190-390nm	View-It IR Detector Disc 38mm. View-It UV Detector Disc 38mm.	VDISC-IR VDISC-UV
	50mm Square	IR 800-1700nm UV 190-390nm	View-It IR Detector Square View-It UV Detector Square	VB-IR50X50 VB-UV50X50
	35mm Diameter	IR 800-1700nm UV 190-390nm	View-It IR Detector with Wand View-It UV Detector with Wand	VW-IR VW-UV
	35mm 95.25mm	IR 800-1700nm	View-It IR Detector with Optical Table Stand	VS-IR VT-IR-3
	35mm 95.25mm	UV 190-390nm	View-It IR Detector with Optical Table Stand	VS-UV VT-UV-3
	127mm Square 254mm Square 508mm Square	IR 800-1700nm	View-It IR Flex with low tack adhesive backing	VF-IR5-5 VF-IR10-10 VF-IR20-20