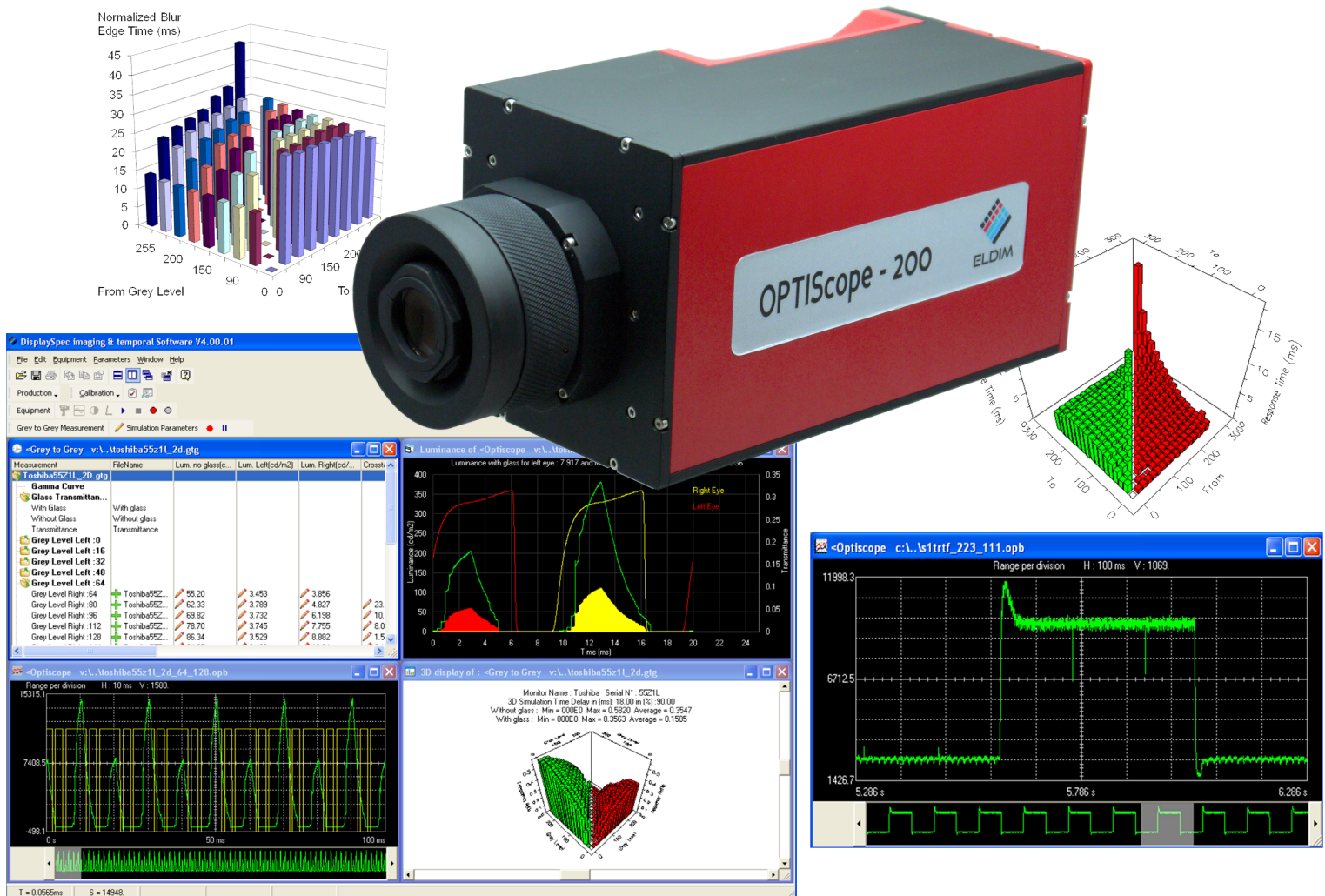


OPTIScope-200



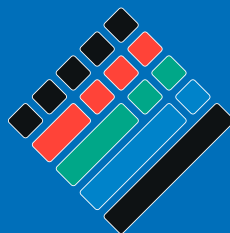
FEATURES

- High Speed measurement
- Sampling step: 1 μ m
- Low Luminance Meter

APPLICATIONS

- Response Time
- Flicker/VCom
- MPRT
- Gamma Curves

OPTIScope 200 comes with a complete and sophisticated solution for measurement analysis and response time extraction. VESA procedure and low pass and stop band filtering can be applied. The OPTIScope 200 can be used at various distances from the display down to ~30cm.



ELDIM

OPTICAL METROLOGY FOR DISPLAYS

Features	Details
Measurement Capacities	Grey to grey response time
	Luminance & Gamma curve
	Iso-Luminance grey to grey response time
	Flicker
	Temporal transmittance of glasses
Measurement Analysis	Data filtering (low pass, stop band, envelop,...)
	Regression (standard shape, over-drive and under-drive)
	VESA standard
	Export of 2D and 3D graphs and data to Excel
MPRT calculation	For one grey to grey response time
	For one grey level to all others
	For all grey levels to all grey levels
	Blur edge width and blur edge time
	Export of 2D and 3D graphs and data to Excel
Crosstalk calculation	For one grey level to all others
	For all grey levels to all grey levels
	Luminance & Crosstalk across glasses
	Export of 2D and 3D graphs and data to Excel

Specifications	OPTIScope 200	
Detector	Low noise photomultiplier	
Light collection	Angular aperture Working distance Spot size diameter	Autorange or fixed range for PM Autozero and noise correction by shutter
Imaging	For spot location	Color CMOS sensor
Digitizer	bits number Sampling interval Memory	16 bits + digital filtering Down to 1µs 4M on board memory
Luminance	Calibration Accuracy Repeatability Minimum Luminance Maximum Luminance	Autocalibration with internal LED and photodiode ±3% (*) ±1% (*) 0.0001Cd/m² 10000
NIR Triggering	For active glass 3D displays	NIR photodiode
Input / Output		Digital Input recording & Analog Output
Power		AC adapter (100-240V 50/60Hz)
Current consumption		30W
Weight		2Kg

*For A type illuminant with 100Cd/m²

Outer dimension (unit mm)

