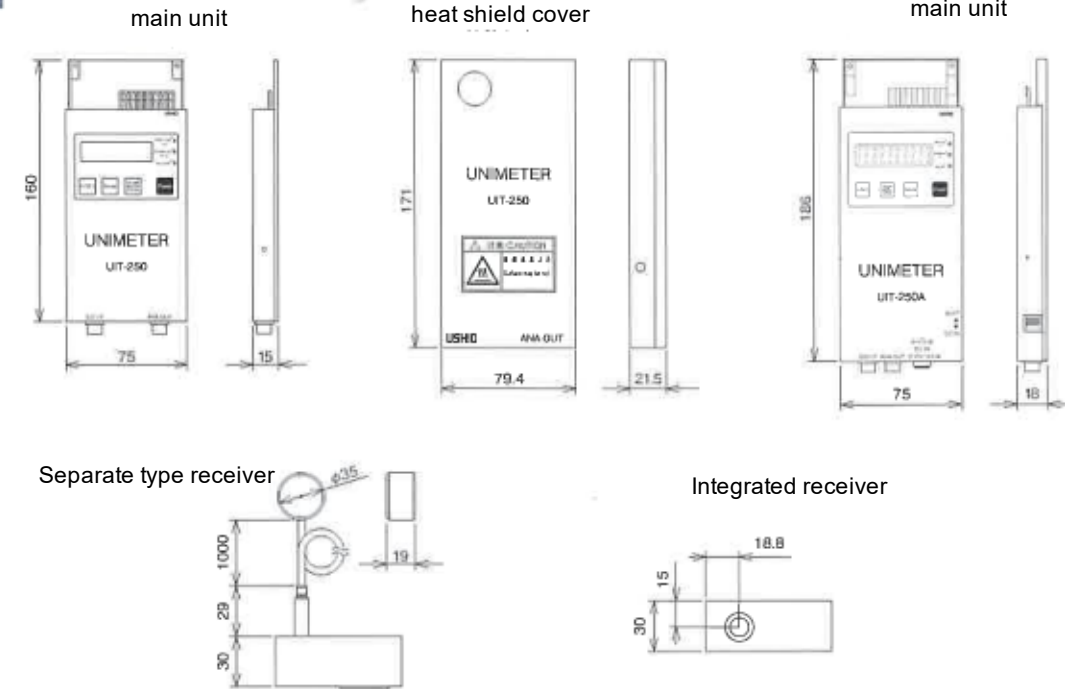


specification

Model	UIT-250	UIT-250A
indication	LCD digital display, illuminance 4 digits, integrated light intensity 5 digits	
function	Real-time display, peak illuminance, integrated light intensity, illuminance distribution, Temperature, 3-step range switching, auto power off (5 minutes/disabled))	
Illuminance distribution output	Analog 0-IV output, recording time up to 2 or 4 minutes (with recorder connected))	
Sampling Rate	16 or 32 samples/sec	
Communication Specifications	Communication specification: Semi-double, Synchronization method: Synchronous synchronization ((asynchronous), Polar rate: 4800BS (fixed) Transmission) code:: ASC II., -: 8bit (fixed) Stop B T.I, Parity: None, Delimiter: C day	
power	3 x AAA batteries	3 AAA batteries or external power supply
Dimensions (mm)	75 (W) X160 (D) X15 (H)	75 (W) X186 (D) X18 (H)
Weight (g)	250	330
Heat Cover	Mountable (integrated type only))	Not attachable

External view



Receiver specifications

model	VUV-S172	UVD-C254	UVD-S254	UVD-S313	UVD-C365	UVD-S365	UVD-C405	UVD-S405
type	Separate	Integrated	Separate	Separate	Integrated	Separate	Integrated	Separate
Spectral sensitivity range (nm)	150~400	220~310		280~360	310~390		320~470	
Absolute calibration wavelength (nm)	172	254		313	365		405	
Calibration accuracy(%)	±5	±10	±10	±5	±5	±5	±5	±5
Light receiving diameter(mm)	φ4	φ10	φ3	φ3	φ10	φ1	φ10	φ1
Nonlinearity(%)	Within 1	Within 1	Within 1	Within 1	Within 1	Within 1	Within 1	Within 1
Operating temperature range(°C) (Receiver)	0~50	0~50	0~50	0~50	0~50	0~50	0~50	0~50
temperature dependence (typical value))	-0.2%/°C	-0.2%/°C	-0.2%/°C	-0.2%/°C	-0.2%/°C	-0.2%/°C	-0.2%/°C	-0.2%/°C
Illuminance measurement range	HRange	0~9,999		0.0~999.9	0~9,999		0.0~999.9	0.0~999.9
	MRange	0.00~99.99		0.00~99.99	0.0~999.9		0.00~99.99	0.00~99.99
	L Range	0.000~9.999		0.00~99.99	0.00~99.99		0.000~9.999	0.000~9.999
Integrated light measurement range	HRange	0~9,999.9		0~99,999.9	0~99,999		0~9,999.9	0~9,999.9
	MRange	0.0~999.99		0.0~9,999.9	0.0~9,999.9		0.0~999.99	0.0~999.99
	L Range	0.00~99.999		0.00~999.99	0.00~99.999		0.00~99.999	0.00~99.999
Spectral response characteristics (typical value))								
	Wavelength (nm)		Wavelength (nm)		Wavelength (nm)		Wavelength (nm)	
Angular dependence (typical))								
	theta (deg)		theta (deg)		theta (deg)		theta (deg)	

\* These figures and graphs are representative reference values, and do not guarantee this specification for all products.  
 \* WV-SL is a dedicated excimer lamp measurement illuminance meter manufactured by our company.