



**LaserDec CL500
- Technical Data -**

	CL500	CL500 HP	CL500 HP - HS
	<i>Standard</i>	<i>High Performance</i>	<i>High Sensitivity</i>
IMAGE CONVERTER			
Spectral sensitivity:	8µm - 12µm	8µm - 12µm	8µm - 12µm
Clear aperture:	Ø=30mm	Ø=30mm	Ø=30mm
Beam diameter (1/e ²):	1mm - 15mm	1mm - 15mm	1mm - 15mm
Intensity range:	10W/cm ² - 1.000W/cm ²	20W/cm ² - 1.500W/cm ²	1W/cm ² - 100W/cm ²
Input power (max):	450W	450W	100W
With attenuation unit 0°:	up to 2kW	up to 2kW	up to 1kW
With attenuation unit 90°:	up to 3kW	up to 3kW	up to 1.5kW
Effective pixel size*:	~124µm	~62.5µm	~62.5µm
CAMERA FEATURES			
Sensor:	CCD	CCD	CCD
Resolution*:	320 x 240pixel	640 x 480pixel	640 x 480pixel
Bit depth (output):	14 Bit	14 Bit	14 Bit
Frame rate:	up to 20Hz	up to 20Hz	up to 20Hz
Interface:	FireWire 1394b / GigE	FireWire 1394b / GigE	FireWire 1394b / GigE
Mode:	cw or pulsed	cw or pulsed	cw or pulsed
SPECIFICATIONS			
Mechanical dimensions (W x H x L):	340mm x 165mm x 92mm	340mm x 165mm x 92mm	340mm x 165mm x 92mm
Weight:	3.3kg	3.4kg	3.5kg
Electrical requirements:	AC120V/240V; 48 - 63Hz; 570W	AC120V/240V; 48 - 63Hz; 570W	AC120V/240V; 48 - 63Hz; 320W
Storage temperature**:	0°C...+60°C	0°C...+60°C	0°C...+60°C
Operating temperature**:	+5°C...+35°C	+5°C...+35°C	+5°C...+35°C
Humidity:	20%...80%	20%...80%	20%...80%
Regulations:	CE, RoHS	CE, RoHS	CE, RoHS

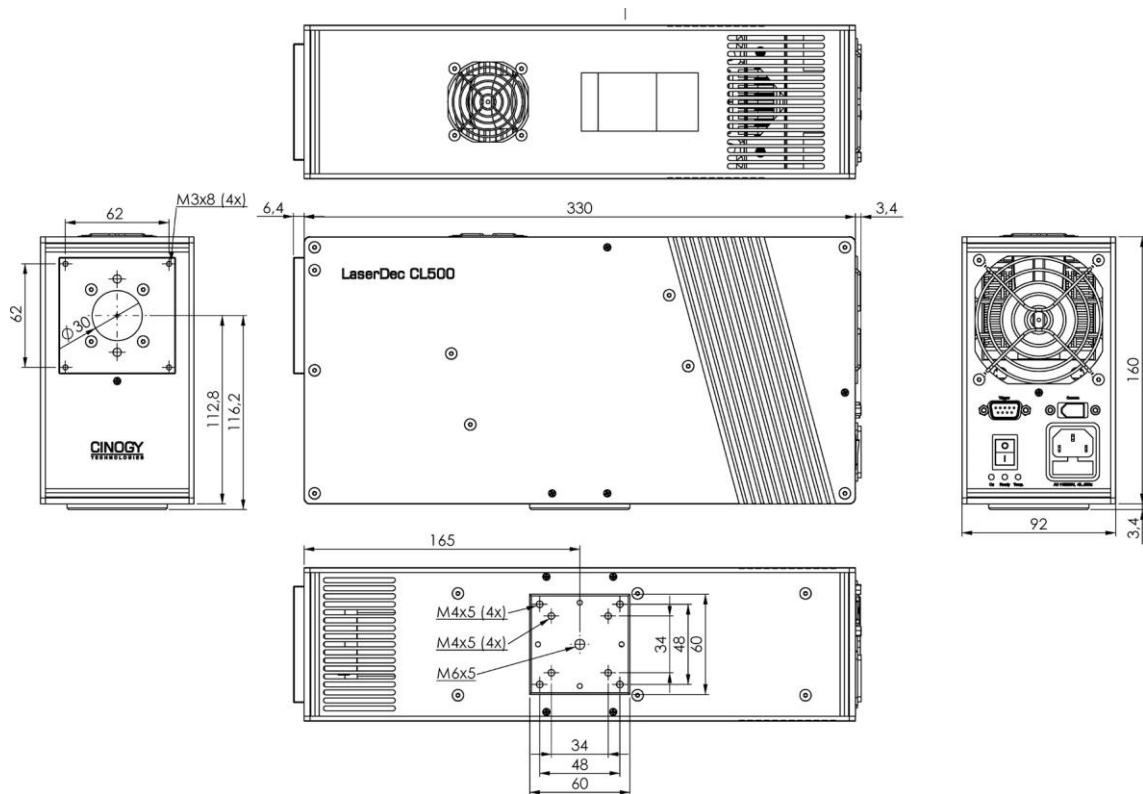
* Different parameters on request

** Without condensation

Design and specification of the described product(s) are subject to change without notice.



LaserDec CL500
- Dimensions -

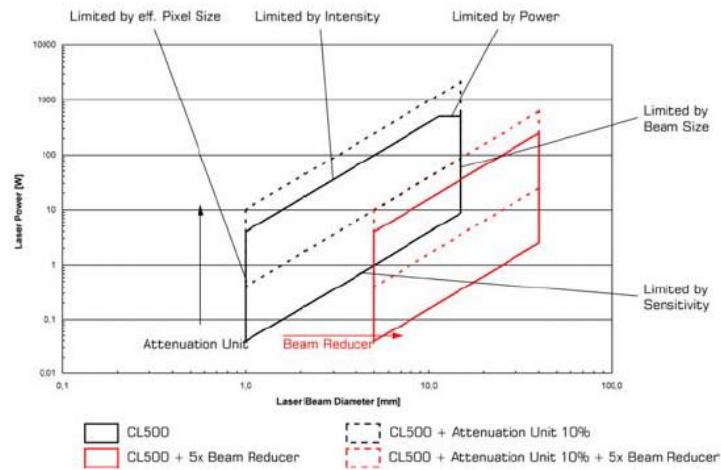




**LaserDec CL500
- Operational Range -**

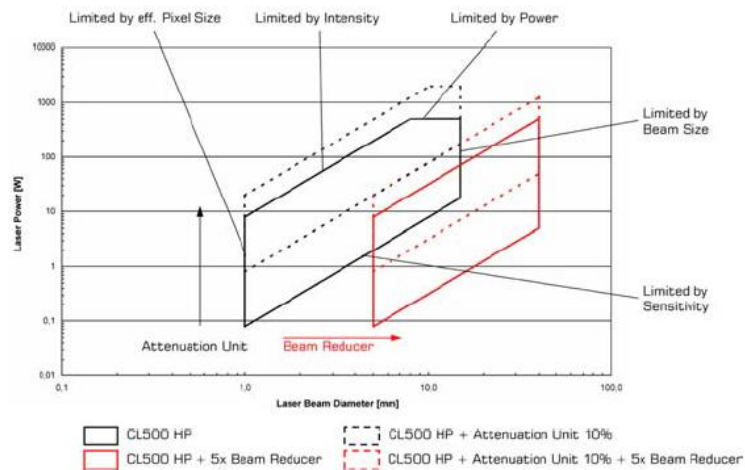
CL500

Operational range of LaserDec CL500



CL500HP

Operational range of LaserDec CL500 HP

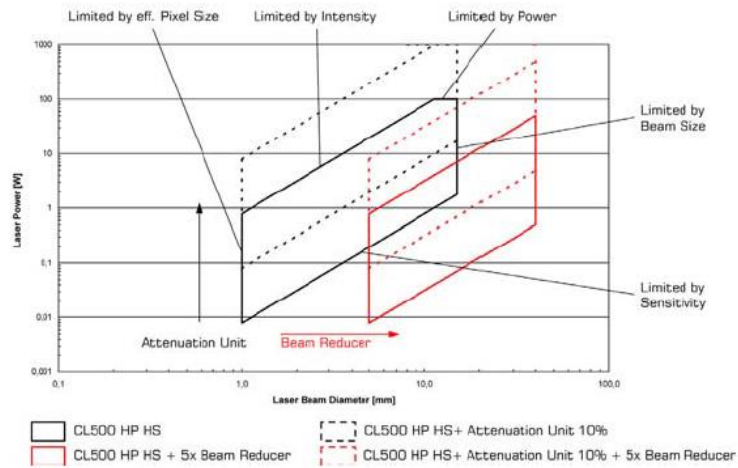




**LaserDec CL500
- Operational Range -**

CL500HP-HS

Operational range of LaserDec CL500 HP HS



Response

