


LDD-14pin-1.5A All-in-one Laser Diode Driver	
	<p>Compact unit for driving/controlling Laser Diodes, SLDs and SOAs:</p> <ul style="list-style-type: none"> • Self-contained enclosure combining and incorporating: <ul style="list-style-type: none"> ○ Device current driver (1.5A) ○ Device TEC driver (1.5A) ○ 14-pin butterfly (with only output port or with input/output ports) device mount ○ Control electronics and firmware • No laser-controller and/or TEC cables required • USB interface and control application
Specification	DATE: 06 September 2017

SPECIFICATIONS					
Parameters	Symb.	Min.	Typ.	Max.	Unit
Control current range ¹	I	0.03		1.49	A
Risetime	τ			100	μ s
Overshoot				2	%
Current limit ¹	I _{lim}	0.01		1.50	A
Control temperature range ¹	T _{chip}	5	25	55	°C
Maximum TEC current	I _{TEC}			1.5	A
External power supply		+3.3 VDC, 3A (not included)			
Power consumption	P			10	W
Dimensions (WxDxH)		135 x 64 x 18			mm
Computer controlled operation	– via provided software control application (Windows/Linux)				
Built-in USB port	– required for initial configuration and computer controlled operation				

¹ User configurable via Software Control Application (GUI).