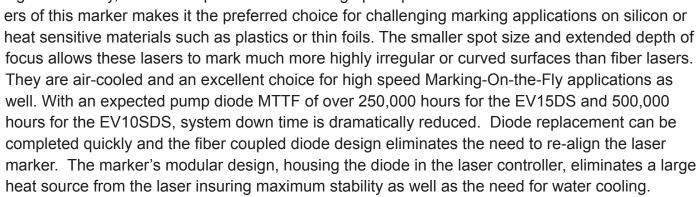


E-Series - EV15DS, EV10SDS Diode-Pumped Solid State Laser

The TELESIS EV15DS and EV10SDS markers are based on advanced Q-Switched, fiber-coupled diode end-pumped Nd:YVO₄ laser technology. The outstanding beam quality of these lasers makes them superior to all other markers of equivalent power for high resolution and high speed mark-

ing. Additionally, the shorter pulse widths and high peak pow-



LASER MARKER SPECIFICATIONS

ComplianceCDRH, C	È
Wavelength1,064n	
Laser TypeFiber-coupled diode end-pumpe	
Q-switched Nd:YVO₄ las	
Laser beam modeTEM	
Average Power (EV15DS)Up to 15	
Average Power (EV10DS)	
PositioningVisible Red Diode Lig	
Optical Fiber Length1.75 meters (5.74 feet) standa	
4.75 meters (15.58 feet) option	
Mounting WeightApprox. 20kg (45lbs	
EV10SDS Marketing Head Dimensions	
79.5(L) x 16.6(W) x 17.2cm(-
(31.3" x 6.6" x 6.8	,
EV15DS Marketing Head Dimensions	
71.9(L) x 16.2 (W) x 19.1cm(l	,
(28.3" x 6.4" x 7.5	5")
Controller Dimensions	
42.7(W) x 14.0(H) x 48.8cm(,
(16.8" x 5.5" x 19.2	,
Input Power 115/230VAC 50/60H	
Max. Power ConsumptionLess than 500	W
CoolingAir-cooled, active thermo-electric	ric
(no water cooling require	d)
Operating Temperature Range18° to 35°C (65° to 95°	F)
Humidity10% to 85% Non-condensi	



EV15DS



STANDARD LENS CONFIGURATIONS

FOCAL LENGTH	MARKING FIELD
100mm	65mm X 65mm (2.56" X 2.56")
160mm	110mm X 110mm (4.33" X 4.33")
254mm	175mm X 175mm (6.88" X 6.88")
330mm	230mm X 230mm (9.06" X 9.06")
350mm	250mm X 250mm (9.84" X 9.84")
420mm	290mm X 290mm (11.42" X 11.42")

SOFTWARE

Software	MERLIN® II LS	
Operating System	Windows® 2000, Windows XP,	
Windows Vista™, Windows® 7, or Windows® 8		
with Optional Embedded, Desktop or Rackmount PC		
Communication Interface	Serial TCP/IP I/O	





DATA MATRIX™ 2-D Code Marking Capability
Meets all Department of Defense UID Requirements