

产品型号: **SS-10-DAM** (2D SCAN)



DAM

- SS-10-DAM型号是10mm入射光斑高精度产品，具有更快的响应时间和更高的重复定位精度。主要应用于精密激光切割。

The model SS-10-DAM is the 10mm high speed and high precision product, which has much faster tracking error and higher repeatability. It mainly applies to precision laser cutting.

应用领域

- 激光雕刻
- 微加工
- 飞行标记行业
- 3D打印

Typical Applications

- Laser marking
- Micromaching
- Processing on-the-fly
- 3D Printing

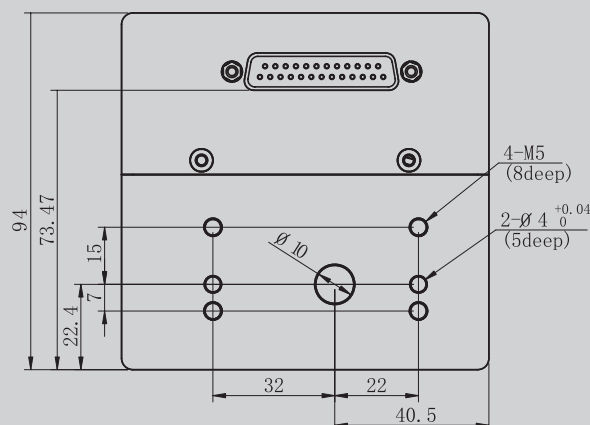
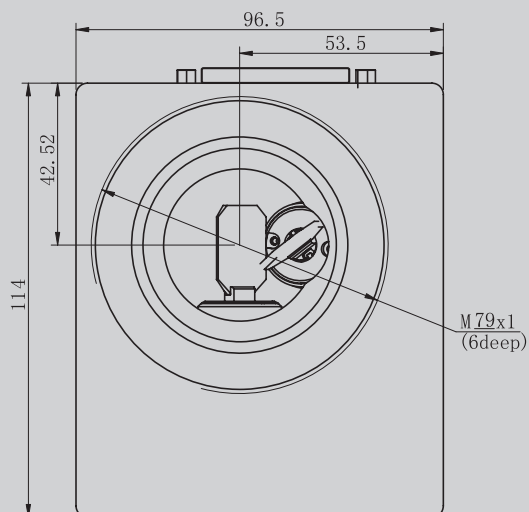
技术参数 (Specifications)

SS-10-DAM

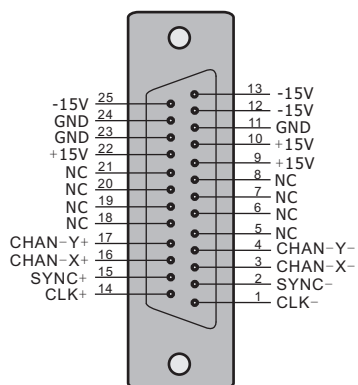
入射光斑 (Aperture)	10mm
跟随误差时间 (Tracking error)	125 μ s
打标速度 (Marking speed)	4 m/s
定位速度 (Positioning speed)	12.0 m/s
重复定位精度 (Repeatability)	<20 μ rad
运行8小时以上漂移 (8hours drift)	<0.2 mrad
非线性 (Nonlinearity)	<5mrad
波段 (wavelength options)	355nm/445nm/532nm/915nm/1064nm/10600nm
光学扫描角度 (Scan angle)	± 0.35 rad
供电需求 (Power requirements)	$\pm 15V$ DC 3A
接口 (Interface)	数字 (Digital) XY2-100 * 模拟 (Analog) $\pm 5V$
工作温度 (Operating temperature)	25°C $\pm 10^\circ$ C

(All angles are in optical degrees) F-theta f=160mm
* SS-10-DA-D only used XY2-100

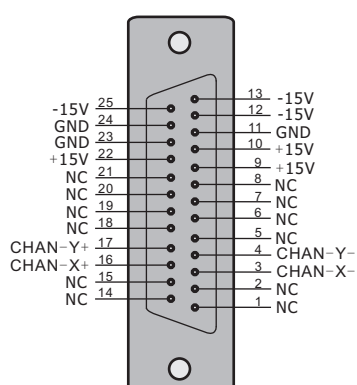
机械尺寸 (单位mm) (Dimensions)



接口定义 (Interface)



25-pin female D-SUB connector
(DIGITAL)



25-pin female D-SUB connector
(ANALOG)