

Dual-channel AOM Power Stabilization Servo Controller

◆ Product introduction

The AOM power stabilization servo controller developed by CSRayzer is used to generate RF signals, adjust the frequency and RF intensity of the applied RF signals, and use it with the AOM power stabilization optical module to stabilize the laser power. The RF power of the servo controller provides an output of up to 2.5W, and adopts a dual-channel DDS with high precision and ultra-low noise, providing an ultra-wide adjustable frequency range of 60-350Mhz.



◆ Parameter index

Parameter	unit	Value
Frequency range	MHz	60-350
Frequency adjustment accuracy	Hz	1
Frequency switching time	ns	25
Maximum RF output power	W	2.5
RF output impedance	Ω	50
External trigger level	V	0-3.3
Analog voltage input range	V	-10 to 10
Supply voltage	V	24
Communication Interface		USB / Type C, Optional

◆ Software Control Pannel

