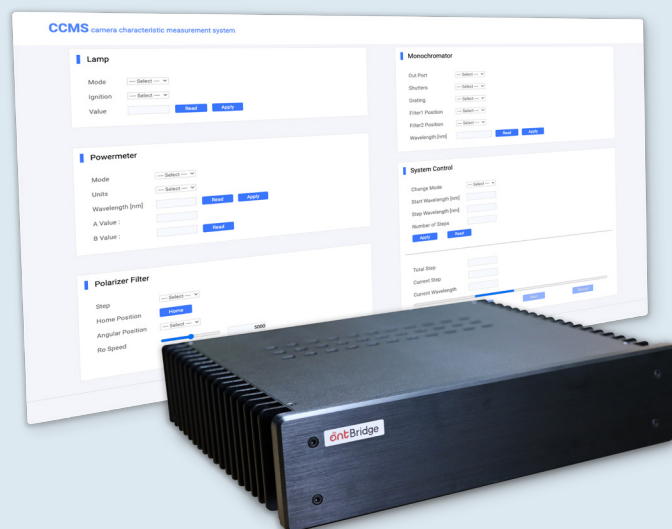# CCMS Controller

Camera Characteristic Measurement System Controller

Camera Characteristic Measurement System (CCMS) Controller supports scientific performance to measure camera characteristics and polarization characteristics of CCD and CMOS cameras with easy-to-user Web GUI and Web API.

Features

- Communication interface that can be controlled using Web API
- Improved Web GUI
- Provides camera and equipment integrated control GUI
- Measurement automation mode support
- Camera characteristic measurement subsystem control and calibration function

Specifications

Light Source	- Arc Lamp - Lamp on/off control - Lamp mode control: Power, Current
Monochromator	- Output port: 2 channels - Filter wheel: 2 channels (monochromator dependent) - Grating: 170 nm to 24 um - Shutter control
Power Meter	- Measurement mode: 8 modes (DC Continuous, DC Single, etc.) - Measurement unit: 8 modes (Amps, Volts, Watts, etc.) - Input channel: 2 channels - Wavelength: 200 nm to 1,100 nm (detector dependent) - Sample rate: Up to 10 kHz
Polarizer Filter Wheel	- Polarization angle control: 0° ~ 360° - Resolution: 25 arcsec
Main Controller	- Processor: intel® core™ i9 - RAM: 64 GB - Power: 90 - 264 V 50/60 hz - Dimensions: 336.53 x 302.20 x 114 mm (W x L x H)
C&DH Interface	- RS-232 - Ethernet - USB 3.2 - USB 2.0
WebGUI	- Equipment control through web page. - Provides an intuitive operating experience. - Provides individual equipment control and integrated control.
WebAPI	- Equipment control using Http communication without driver installatio - Additional equipment control available upon user request

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