



Headwall Photonics MS10-HR Spectrograph

High Resolution
Very Low Stray Light
Compact and Versatile

Headwall's MS10-HR is a versatile, easily customized optical module designed for use with a variety of CCD or PDA detectors. This compact optical module provides a cost-effective optical system with high resolution, high throughput ($f/2.5$) and excellent spatial imaging. The MS10-HR is equipped with an original holographic grating for exceptionally low stray light. The MS10-HR offers easy adjustment for wavelength and focus, and accepts both standard and fiber optic input. The MS10-HR is easily integrated into OEM systems to reduce development costs and time to market. Headwall offers both standard and custom gratings to meet your specifications.

www.HeadwallPhotonics.com

Headwall Photonics **MS10-HR Spectrograph**

Headwall Photonics manufactures original holographic diffraction gratings and precision spectral modules for wavelength management and spectroscopic measurement. Headwall offers accurate modeling, rapid prototyping, and collaborative product design capabilities.

Specification

Focal Distance:	100 mm (depending on grating)
Aperture:	f/2.5
Resolution:	< 1 nm (depending on grating and detector selected)
Stray Light:	< 10 ⁻⁴
Dispersion Length:	Accommodates detectors up to 25.6 mm in length (depending on grating selected)
Fiber Optic Adapters	SMA or Ferrule type

Available Slits

Width (μm)		Height (mm)
25	x	5
50	x	5
100	x	5
150	x	5
250	x	5
500	x	5
1000	x	5

Dimensions

Length	5.0"
Width	3.0"
Height	2.0"
Weight	16oz. (454g)
Body Material	Anodized Aluminum

Applications

Medical Resolution
Raman Spectroscopy
Atomic Emission Spectroscopy



For more information contact
Headwall Photonics, Inc.
Tel: 978-353-4010/ FAX: 978-342-7083 or
e-mail: Sales@HeadwallPhotonics.com

To find out more visit
www.HeadwallPhotonics.com