

UV Wavelength DMD Spatial Light Modulator

HDSLM136D70UV Series

Ultra-high Speed Models Smart Ultra-high Speed Models Ultra-large Capacity Models



363-420nm
Wavelength



1024*768
Resolution



13.68μm
Micromirror Pitch

Wavelength 363-420nm

1024*768 resolution

13.68μm micromirror pitch

Three versions available for sales: ultra-high speed version, smart ultra-high speed version and super capacity version

The ultra-high speed version features 16GByte/128Gbit memory and ultra-high speed frame rate > 27KHz

The smart ultra-high speed version features built-in smart algorithm

The super capacity version features optional on-board SSD storage at minimum 2TB

Product Parameter

Type	HDSLM136D70UV-DDR		HDSLM136D70UV-SSD
Resolution	1024*768		
Micromirror Pitch	13.68μm		
Wavelength	363-420nm		
Array Diagonal Size	0.7”		
Micromirror Array Optical Efficiency	85%		
Reflectivity	88%		
Fill Factor	92%		
Frame Rate (1bit/8bit/16bit)	27995Hz/657Hz/3Hz		
Bit Depth	1-16bit		
RAM Capacity	16Gbyte		8Gbyte
Onboard Storage	/		SSD 2T/4T/8T
Configure Interface	USB2.0		
Input Interface	Gigabit Ethernet/USB3.0		
DMD Datum Angle	Horizontal design / Oblique 45° design		

