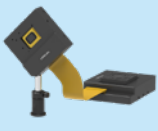
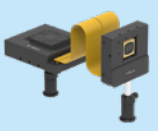
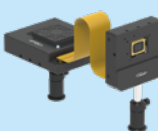
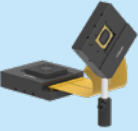


	355~420nm			400~700nm						800~2000nm
Type	HDSLM136D70UV	HDSLM108D95UV	HDSLM756D90UV	HDSLM136D70	HDSLM108D95	HDSLM756D65A	HDSLM756D90	HDSLM756D65	HDSLM54D67	HDSLM108D65NIR
										
Chipset	DLP7000UV DLPC410	DLP9500UV DLPC410	DLP9000XUV DLPC910	DLP7000 DLPC410	DLP9500 DLPC410	DLP6500FLQ DLPC910	DLP9000X DLPC910	DLP6500FYE DLPC910	DLP670S DLPC900	DLP650LNIR DLPC410
Wavelength	363-420nm	363-420nm	355-420nm	400-700nm	400-700nm	400-700nm	400-700nm	420-700nm	420-700nm	800-2000nm
Resolution	1024*768	1920*1080	2560*1600	1024*768	1920*1080	1920*1080	2560*1600	1920*1080	2716*1600	1280*800
Micromirro Pitch	13.68 μm	10.8 μm	7.56 μm	13.68 μm	10.8 μm	7.56 μm	7.56 μm	7.56 μm	5.4 μm	10.8 μm
Array Diagonal Size	0.7”	0.95”	0.9”	0.7”	0.95”	0.65”	0.9”	0.65”	0.67”	0.65”
Micromirro Tilt Angle	±12 °	±12 °	±12 °	±12 °	±12 °	±12 °	±12 °	±12 °	±17.5 °	±12 °
Fill Factor	92%	94%	92%	92%	94%	92%	92%	92%	93%	94%(@1064nm)
Reflectivity	88%	88%	88%	88%	89%	88%	88%	88%	88%	94%(@1064nm)
Diffraction	85%	85%	85%	86%	87%	86%	86%	86%	84%(@f/2.4)	88%(@1064nm)
Bit Depth	1-16bit	1-16bit	1-16bit	1-16bit	1-16bit	1-16bit	1-16bit	1-16bit	1-8bit	1-16bit
Frame Rate	27917Hz(1bit) 657Hz(8bit) 3Hz(16bit)	20746Hz(1bit) 617Hz(8bit) 3Hz(16bit)	11764Hz(1bit) 522Hz(8bit) 3Hz(16bit)	27917Hz(1bit) 657Hz(8bit) 3Hz(16bit)	20746Hz(1bit) 617Hz(8bit) 3Hz(16bit)	10940Hz(1bit) 508Hz(8bit) 3Hz(16bit)	11764Hz(1bit) 522Hz(8bit) 3Hz(16bit)	10940Hz(1bit) 508Hz(8bit) 3Hz(16bit)	Pattern On-The-Fly Mode 10000Hz(1bit) 247Hz(8bit)	11764Hz(1bit) 522Hz(8bit) 3Hz(16bit)
Damage Threshold	2.5W/cm ² (363nm~400nm) 11W/cm ² (400nm~420nm)	5.2W/cm ² (363nm~400nm) 11W/cm ² (400nm~420nm)	2.5W/cm ² (355nm~365nm) 5W/cm ² (365nm~400nm) 15W/cm ² (400nm~420nm)	11W/cm ² (400nm~420nm) Thermally limited (420nm~700nm)	11W/cm ² (400nm~420nm) Thermally limited (420nm~700nm)	2.5W/cm ² (400nm~420nm) Thermally limited (420nm~700nm)	10W/cm ² (400nm~420nm) Thermally limited (420nm~700nm)	0.68mW/cm ² (<420nm) Thermally limited (420nm~700nm) 10W/cm ² (>700nm)	31W/cm ²	40W/cm ² (800nm~950nm) 500W/cm ² (950nm~1150nm) 40W/cm ² (1150nm~2000nm)
Interface /PC Connection	USB3.0	USB3.0	USB3.0 HDMI (Smart option)	USB3.0	USB3.0	USB3.0 HDMI (Smart option)	USB3.0 HDMI (Smart option)	USB3.0 HDMI (Smart option)	USB2.0+HDMI	USB3.0
Number Of Images	174762 (1bit) 21845 (8bit) 10922 (16bit)	62137 (1bit) 7767 (8bit) 3883 (16bit)	33554 (1bit) 4194 (8bit) 2097 (16bit)	174762 (1bit) 21845 (8bit) 10922 (16bit)	62137 (1bit) 7767 (8bit) 3883 (16bit)	62137 (1bit) 7767 (8bit) 3883 (16bit)	33554 (1bit) 4194 (8bit) 2097 (16bit)	62137 (1bit) 7767 (8bit) 3883 (16bit)	400 (1bit) 50 (8bit)	134217 (1bit) 16777 (8bit) 8388 (16bit)
DMD Datum Angle	Horizontal design	Horizontal design	Horizontal design	Horizontal design Oblique 45° design	Horizontal design	Horizontal design	Horizontal design	Horizontal design Vertical design Oblique 45° design	Horizontal design	Horizontal design
Sync Trigger Interface	Input:SMA*1 Output:SMA*1+6pin	Input:SMA*1 Output:SMA*1+6pin	Input:SMA*1 Output:SMA*2+6pin	Input:SMA*1 Output:SMA*1+6pin	Input:SMA*1 Output:SMA*1+6pin	Input:SMA*1 Output:SMA*2+6pin	Input:SMA*1 Output:SMA*2+6pin	Input:SMA*1 Output:SMA*2+6pin	Input:6pin Output:6pin	Input:SMA*1 Output:SMA*1+6pin
Sync Trigger High Level Signal	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:3.3V L:0V	Input H:2.0-5.0V L:0-0.8V Output H:5V L:0V
Onboard RAM (-DDR type)	16GByte	16GByte	16GByte	16GByte	16GByte	16GByte	16GByte	16GByte	1Gbit*2	16GByte
Onboard Storage (-SSD type)	2T/4T/8T	3T/6T/12T (Discontinued)	2.5T/5T/10T	2T/4T/8T	3T/6T/12T	2T/4T/8T	2.5T/5T/10T	2T/4T/8T	1Gbit*2	1T/2T/4T

Note 1. The fill factor, reflectivity and diffaction of HDSLM108D65NIR: theory calculation value.

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