

Technical specification for Reflective Phase-only Spatial Light Modulator with accessories

Minimum specification for **Reflective Phase only Spatial Light Modulator with accessories:**

Reflective Phase only Spatial Light Modulator		
S. No	Specification	Value
1	Display type	Reflective LCOS (Phase only)
2	Resolution	$\geq 1920 \times 1080$
3	Pixel pitch	Min 8.0 micron
4	Fill factor	$\geq 93\%$
5	Active area	$\geq 15 \times 8$ mm (or 0.7 inch diagonal)
6	Addressing	8-bit or 16-bit (256 grey levels)
7	Signal formats	DVI-HDTV resolution or better
8	Specified Aspect ratio	$>16:9$
9	Wavelength range	Min. 730 nm (or less) to Max. 950 nm (or greater)
10	Reflectivity at 800 nm	$\geq 95\%$
11	Input frame rate	≥ 60 Hz

The following accessories should be included in quotation/bid

- Phase Only Display incl. Flex Cable (at specified resolution)
- SLM Driver Box
- HDMI Cable
- USB Cable
- Power Supply (12V DC)
- Magnetic Display Mount
- Device Mount
- Software package and documentation with Operating Instruction / Manual