

ME multiView Cubes

M6 SXGA+ BB 50 DL



Technical Characteristics: 50"-Cube, SXGA+

Description	Digital 50" rear projection cube based on DLP™ technology, allows butt mounting and individual arrangement in linear and polygonal arrays, for video image and data representation, 24/7 industrial display for nonstop-operation
Resolution	1,400 x 1,050 pixels (SXGA+/native)
Aspect Ratio	4:3
Brightness	1,000 Ansi Lumen
Projection Characteristics	uniformity: 95 %
Brightness	contrast ratio: > 2,100:1
Lamp Characteristics	double lamp 120/132 W (reversible, DL)
Philips Lamp Life	10,000 h - 120 W / 8,000 h - 132 W * (according to manufacturer specification)
Projection Screen	Blackscreen, refractive screen offering excellent contrast values and an exceptional side view, full viewing angle: 180°, half gain angle: 45°/45°(horizontal/vertical) Mauell „Seamless“ screen, circumferential frame 0.5 mm approx.
Color Wheel	Characteristics unique double-speed, four-segment
Screen Size	1,000 mm x 750 mm (50" screen diagonal approx.)
Dimensions	1,000 mm x 1,000 mm x 640 mm (stepped housing)
Weight	53 kg approx. (DL)
Standard Inputs	1 x DVI IN, if the user want to input HD 15 VGA signal, an adapter HD 15P to DVI is used 1 x DVI OUT 1 x VGA IN 2 x C-Video in/out
Input frequency	up to UXGA 60 Hz
Video Standards	NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM
Digital Loop Through	DVI
Analog Loop Through	C-Video
Functions	parameters saving: 32 inputs, 16 outputs, 256 sources Source calibration, test patterns generation, different light modes, RGBCMY independent color adjustment
Control	lamp change control, IR remote control unit, multi processor software tool, via external systems e. g. media control, work stations serial RS 232 communication including RS 485 ME multiView network, Web server module
Digital Projection Tuner SW	matching the color, calibrating the input signal, setting parameters, showing status

Power	AC input: 100 to 240 V \pm 10 % (auto switching), 50/60 Hz consumption: 230 W
Environmental	operation temperature range: 18 °C to 26 °C operating humidity: 40 % to 60 % altitude: 0 to 3,000 m (0 to 10,000 ft) storage: 10 °C to 40 °C, 20 % to 80 % RH, NC
Heat Load	200 W
Noise Level	42 dB(A)
Accessories	IR remote control unit software tuning tool for cube wall configuration (option) efficient wall layout configuration with multi processor software (option)
Regulatory	safety approvals: CB, CCC EMC-emmissions: FCC, CE EMS, CCC this product confirms to all relevant European directives, safety, health and environmental concerns and bares the CE marking
Reliability	MTBF >100,000 hours (for major DMD™ components) MTBF >30,000 hours (for color wheel and fan)
Key Features	<ul style="list-style-type: none"> • 24/7 high reliability, long life design • built-in iSensor with iLamp Function and iColor Wheel Function • RGBCMY independent color adjustment • uniformity correction of brightness and color • super low geometric distortion • fine-adjustable deviating mirror for setting up the symmetrical screen geometry • the projector can be adjusted in six axes. • video 3D comb filter • speed lamp swap for double lamp systems • different brightness modes • dust free design for the optical core • ventilated casing with fan and filter modul • native DMD™ Texas Instrument one chip technology • two lamps 120/132 W (reversible, double lamp (DL))

* Average service life acc. to the specifications of the lamp manufacturer Philips. The average service life is based on statistical results which means that 50 % of the lamps reach the average lamp service life with a light output >50 %.

Some measured values may not match exactly due to different measurement instruments used.
For important specifications please contact us.