

MCTRL-610 LS-Series controller

Specifications	Video Processing	Pixel control total	2.3 million pixels
		Pixel control per output	575.000 pixels
		Resolution (8bit)	1024x1200, 1280x1024, 1600x848, 1920x712, 1920x1200, 2048x668, 2048x1152, 2560x960
		Resolution (12/10bit)	1440x900
		Video source	12bit/10bit/8bit
	Features	External light sensor	Adjustment of screen brightness according to ambient temperature
		Grey Scale processing	18bit
	Electrical	AC Power	100-240VAC Nominal 50/60Hz
		Current (Rated)	0.7 A (Max.)
		Maximum power consumption	2.9 W
		Typical power consumption	2.5 W
	Physical	Dimensions (L x H x W)	203 x 50 x 173 mm (8 x 2 x 6.8 in.)
		Weight	1.0 kg (2.2 lbs.)
		Material	Aluminium housing
		IP class	IP20
	Installation	Mounting	4 x 4mm holes
	Thermal	Temperature range, Operating	-10° - 40°C (-14° - 104°F)
		Temperature range, Start-up	-10° - 40°C (-14° - 104°F)
		Humidity (max.)	95%
		Cooling	Passive
Connections	Set-up	Via USB / software	
	Video input	DVI-I (Dual Link) / HDMI	
	Audio input	Minijack	
	Signal output	4 x RJ45	
	UART	In / Output	
	Light sensor	Input	
Certification	EU Safety	EN 60950-1	
	EU EMC	EN 55022, EN 61000-3-2, EN 61000-3-3	
Included Items	Included Items	Power cord USB cable DVI cable UART cable CD/software	
Fixtures and Accessories	Fixtures	Order no: 80070222 - Controller, MCTRL-300 for controlling up to 1.3million pixels Order no: 80070225 - Controller, MCTRL-610 for controlling up to 2.3million pixels Order no: 80070224 - Scaler, VSP-550DS	
	Lightsensor	Order no: 80070227 - Lightsensor for MCTRL Controller series	
	Calibration system	Order no: 80070223 - LS-LDC Led Display Calibration System	