

Recommended operating conditions(GV1120/1240/1480)

Parameter		Min	Typ	Max	Units
Power supply +5V		4.75	5	5.25	V
Power supply +3.3V		3.15	3.3	3.6	V
Video Input Range	Peak to peak amplitude	0.25	1	2	V
	Sync Amplitude	75	286	572	mV
	Horizontal Lock Range	-	-	±7	% of Line Length
	Color sub-carrier Lock-in Range	-	-	±800	Hz
Audio Input Range		0.01	2.593	3.3	VP-P
Ambient operating temperature		0	-	65	°C
Ambient operating humidity		0	-	90	%

Recommended Video signal range : 0.5V ~ 2V (p-p)

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Parameter	Max	Units
Power supply +5V	1820	mA
Power supply +3.3V	140	mA

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Parameter	Max	Units
Power supply +5V	70	mA
Power supply +12V	820	mA