

# Legend 500 Series

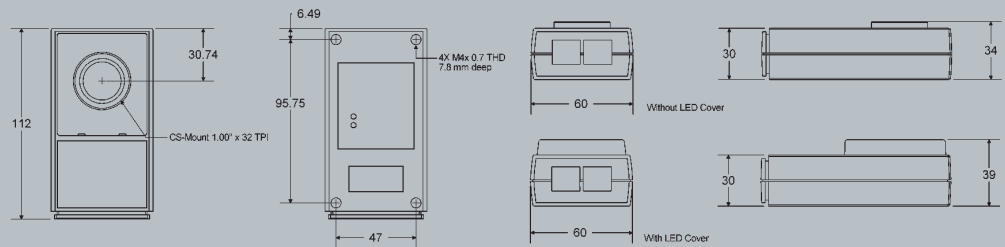
## Model 542C and 544C Color SmartImage Sensors



### Legend 542C and 544C

### specs

<b>Size</b>	112mm x 60mm x 34mm (not including lens)
<b>Mounting</b>	Four M4 threaded holes (on the back of unit), 7.9mm depth
<b>Weight</b>	170g/6oz (without lens or integrated light)
<b>Power Requirements</b>	24V DC, 300mA (or minimum 7.5W supply), regulated and isolated. Additional 5W required for integrated light option. Additional power required for DVT LED lighting.
<b>Operating Temperatures</b>	Operating Temperature: 0-45° C, 32-113° F
<b>Image Sensor</b>	542C: 3.6mm x 2.7mm (1/4" format) CCD, 640 x 480 pixel resolution, 5.6µm x 5.6 µm pixels 544C: 6.0mm x 4.8mm (1/2" format) CCD, 1280 x 1024 pixel resolution, 4.65µm x 4.65 µm pixels
<b>Electronic Shuttering</b>	10 µs – 1 second exposure times
<b>Optics</b>	CS mount standard, C mount-capable with optional adaptor
<b>External Port</b>	RJ-45 for 10/100 Mbps Ethernet communications, 10 pin keyed modular connector for power and digital I/O
<b>Digital I/O</b>	24V DC regulated, 8 configurable inputs and outputs, NPN (current sinking) inputs, PNP (current sourcing) outputs, active high signals. Inputs can sink up to 1.5mA and outputs source a maximum of 50 mA
<b>Certifications</b>	CE certified



The SmartImage Sensor Specialists

1670 Oakbrook Drive, Suite 330 • Norcross, Georgia 30093

Phone: (770) 449-4960 • Fax: (770) 449-3073

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