

# Legend 500 Series

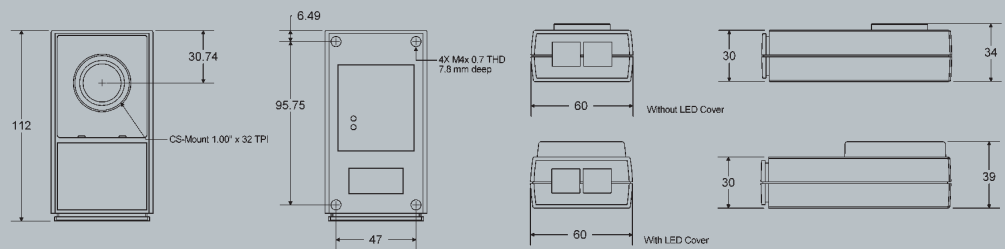
## Model 544 and 544C SmartImage Sensors



### Legend 544 and 544C

### specs

|                               |   |
|-------------------------------|---|
| <b>Size</b>                   | 112mm x 60mm x 30mm (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 power required for optional DVT LED lighting.  |
| <b>Operating Temperatures</b> | Operating Temperature: 0-45° C, 32-113° F   |
| <b>Image Sensor</b>           | 544 and 544C: 6.0mm x 4.8mm (1/2" format) CCD, 1280 x 1024 pixel resolution, 4.65µm x 4.65µm 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  |



Note: All Units in mm.



The SmartImage Sensor Specialists

1670 Oakbrook Drive, Suite 330 • Norcross, Georgia 30093

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

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