

# HIGH RESOLUTION, BOX CAMERA, TRUE DAY AND NIGHT, WIDE DYNAMIC RANGE



Commercial, Residential, Banking, Transportation,  
Education, Law Enforcement, Retail and C-Store



## **C235T/Digital Color Camera, High Resolution, CMOS PIXIM WDR Chip Set, True Day and Night**

The C235T is a High Performance Box Style Camera that offers exceptional Wide Dynamic Range and sensitivity for harsh lighting environments, as well as High Resolution Imaging with its 1/3" CMOS Pixim chip set. Programming of all functions can be easily managed through the cameras Built-In Joystick and On-Screen-Display.

Pixim Technology: "Pixim's Digital Pixel System® technology revolutionizes the way video cameras capture and process images. Unlike traditional cameras, where each pixel cannot adjust to highlights and lowlights in the same scene, Pixim's patented Digital Pixel System technology empowers hundreds of thousands of pixels to act like individual cameras constantly self-adjusting. This all-digital system enables Pixim-powered cameras to efficiently capture the whole picture, regardless of lighting conditions or application—thus securing the highest resolution, natural color and clarity, while automatically eliminating image-compromising visual noise (e.g., glare, reflections). The result is more than superb image quality; it is accurate, actionable information that gives users the strength of certainty."

*Additional features include:* Simple OSD, True Day and Night, AGC, AWB, and Dual Voltage. A 5 Year Warranty is standard.

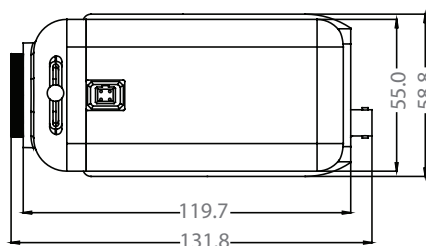
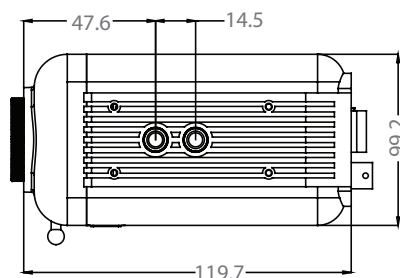
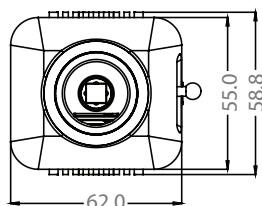


## Electronic

CMOS Sensor/PIXIM CHIP  
 540 TV Line  
 On-Screen Menu Programming  
 Powerful Wide Dynamic Range  
 Smear Canceling  
 Low Power Consumption  
 Auto Sensing 24 VAC/12 VDC with Line Lock  
 Ultra Low-Light Sensitivity  
 TDN (True Day and Night/IR Cut Filter)  
 AGC (Auto Gain Control)  
 AWB (Auto White Balance)  
 Slow Shutter  
 5 Year Warranty

## Mechanical

C or CS Mount Lens



## SPECIFICATIONS

<b>Camera TYPE</b>	Color/BW	Box Camera
<b>Image</b>	Device	1/3" PIXIM CMOS
	Pixels-Total	742(H) x 552(V)
	Pixels-Effective	720(H) x 540(V)
<b>Scanning</b>	System	525 line, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-Lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-Lock Mode	60Hz
<b>Min. Scene Illumination</b>	F1.2 [30 IRE]	0.1 Lux [at TDN: 0.01Lux]
<b>Functions</b>	WDR	ON
	BLC	ON/OFF (Area Setting)
	AGC	ON/OFF (Gain Adjust)
	AWB	ATW/AWB/Fixed/Manual
<b>Lens Mount</b>	C/CS	DC Varifocal Lens [Option]
<b>Resolution</b>	Horizontal	540 TV Lines [at TDN (B/W) :570 TV Lines]
<b>Video Output</b>	VBS 1.0Vp-p	VBS 1.0Vp-p (75 Load)
<b>Signal-Noise Ratio</b>	S/N Ratio	48dB
<b>OSD</b>	OSD	YES
<b>Environmental Conditions</b>	Operating Temperature	-10° ~ +55° (14° ~131°)
	Humidity	Less then 90%
<b>Power</b>	Power Requirement	12VDC/24VAC (60Hz)
	Power Consumption	DC12 [V]: 230[mA]
<b>Physical Specifications</b>	Dimensions (Ø x H)	62.0 x 58.8 x 131.8mm
	Weight	0.7 lbs
<b>Certifications</b>	CE, FCC, RoHS	Certified