

LIGHT BOSS

MODEL#: RGVWDR-SS12

Tames the Toughest Lighting Conditions!

- 1/3" Pixim WDR digital imaging device
- Easy to use OSD function (RS-485 remote control)
- True Day and Night (CR)
- High Resolution of 540 TVL (Day) / 560 TVL (Night)
- Enhanced low light performance up to 0.03 Lux / F1.4 (DSS ON)
- 12VDC / 24VAC Dual power (Non-Polarity)
- Camera ID
- Digital Slow Shutter (DSS)
- Privacy masking

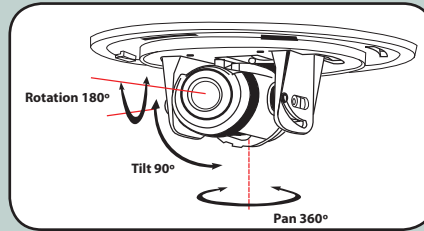


Image Sensor	1/3" WDR digital imaging device
Signal Processing	17-bit Digital Signal Processing (max)
Dynamic range	101dB typical / 120dB max
Video capture	Progressive Scan 50fps / 60fps
Sync system	Internal
Transfer format	PsF (Progressive with Segmented Frames)
Effective Pixels	720(H) x 540(V) pixel
Horizontal Resolution	540TVL (Day) / 560TVL (Night)
Sync System	Internal, 12VDC, Line-Lock (24VAC)
Video Output	1.0 to 1.2Vp-p composite 75 (NTSC/PAL compatible)
S/N Ratio	More than 48dB (AGC Off)
Min. Illumination	0.6 Lux / F1.4 50 IRE
Operating current	200mA at 12V DC, 110mA at 24V AC
Lens	3.3~12mm Varifocal DC Iris / F1.4
Operating Temperature	14°F - 122°F (-10°C - +50°C)
Humidity	Within 90% RH
Output Terminal	2P(BNC-Video), 2P(T-Block), 2P(L/W-RS485)
Power Source	DC12V / (DV9V-20V) / AC24 (AC10V-30V) Dual power
Measurement	162.5(Ø) x 82.5(H)
Weight (approx.)	1.76 lbs

OSD Menu (Remote Control via RS485)	
WDR	Auto / Off / Low / Middle / High
White Balance	ATW / AWC Manual selectable 2,000°K - 11,000°K Auto
Gain Control	Off, Low, Middle, High
Gamma correction	Auto / Manual
Back Light Compensation	Off / On, adjustable Backlight Zone
ACG	Off, Low, Middle, High
Digital slow shutter	Off / 2x / 4x / 6x / 8x / 16x / 32x
Privacy Masking	On / Off (6 Programming zones)
Reversal	NOR / MIR / VER / FLIP
Day / Night	Auto / Color / BW
Protocal	Pelco-D

No "camera blindness"



Normal CCD Camera

The "Light Boss"

Ultra wide dynamic technology used for this camera eliminates the vertical smear, pixel blooming, and other image artifacts commonly encountered in high-contrast scenes.

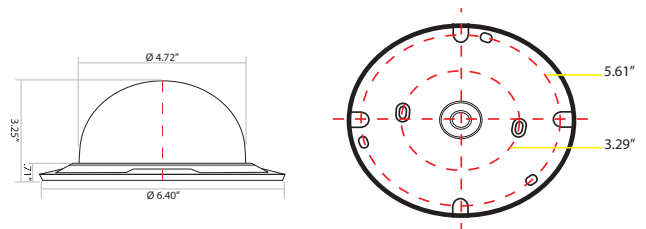
The Light Boss is powered by Pixim, an ultra Wide Dynamic pixel system providing a number of technical improvements in picture quality for viewing areas of extreme light conditions. The innovative Pixim system that operates this camera treats each of the screen pixels as a camera. Normal cameras either average the pixels in a region of the picture or blends them into groups, with the Pixim system, each pixel is ultra sensitive, and can deal with wide-ranging light conditions on its own, no matter what the pixels around it are doing.

The result is a very high resolution, high quality and highly detailed picture that delivers true color recognition in low light or even high glare conditions.

All settings may be fined tuned to perform in any challenging locations, either at the camera or via an on-screen menu that can be controlled remotely with its built-in RS-485 communication connection.

Based on this new technology, RGVWDR-SS12 delivers a very high quality, high resolution and very accurate and detailed color recognition in a variety of light conditions.

The Light Boss is an ultra-slim dome camera containing a lot of user-friendly features. It incorporates a perfect and tool-free 3-Axis mount with which the camera can be installed on the wall, on the ceiling or on the slope with no limitation.



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