

# Video VBOX Bullet Cameras



## Technical Specifications

### High resolution

Description	High Resolution (RLACS134xx)
Image sensor	1/3" Super HAD CCD
Effective pixels	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)
Min illumination	0.2 Lux at F2.0
H. resolution	560 TV Lines
Synchronising system	Internal
Scanning system	NTSC, 525 lines, PAL 625 lines 2:1 Interlaced
Video output	1.0Vp-p Composite. 75 Ohms
S/N ratio	More than 50 dB (AGC Off)
Gain control	-1dB~3.1dB Auto
Gamma correction	$\gamma = 0.45$
Shutter speed	NTSC: 1/60 ~ 1/1000,000 sec PAL: 1/50~1/100,000 sec
White balance	Automatic (AWB)
Smear effect	0.005%
MTBF	80,000 hours
Lens standard	3.6mm (92°)
Power source	12VDC (9V~20V)
Operating current	130mA w/regulated 12VDC in
Operating temperature	-10°C ~50°C (14°F – 122°F)
Measurement (mm)	21(D) x 73(L)
Weight (approx. g)	180
IP rating	IP67

### Low resolution

Description	Low Resolution (RLACS135xx)
Image sensor	1/3" Sony CCD
Effective pixels	NTSC: 510(H) x 492(V) PAL: 500(H) x 582(V)
Min illumination	0.5 Lux
Resolution	420 TV Lines
Synchronising system	Internal
Scanning system	NTSC, 525 lines, 60Field/Sec PAL 625 lines, 50 Field/Sec Interlaced
Video output	1Vp-p 75 Ohms, Negative
S/N ratio	More than 48 dB (AGC Off)
Gamma correction	$\gamma = 0.45$
Shutter speed	NTSC: 1/60 ~ 1/1000,000 sec PAL: 1/50~1/100,000 sec
White balance	Automatic (AWB)
B.L.C	Automatic
Measurement (mm)	20(D) x 77(L)
IP rating	IP67

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## Accessories

<b>RLACS116</b>	Forward facing (high res) camera mount	
<b>RLACS125</b>	Windscreen suction mount	
<b>DBSUCTIONCUP</b>	Three mounting cradle suction cups	
<b>RLACS149</b>	Forward facing roll cage mount (two part)	
<b>RLACS150</b>	Picture in picture roll cage camera mount (one part)	
<b>MB21HGX-92L</b>	Standard 92° lens for high res camera	
<b>MB21HGX-54L</b>	Narrow 54° lens for high res camera	
<b>MB21HGXGLASS</b>	Glass lens cover for high res camera	



All of these items can be purchased from the Video VBOX section of our [online store](#).

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## Replacement camera kits



### Video VBOX Lite

<b>RLACS134</b>	High res camera kit - PAL	
<b>ACS134</b>	High res camera only - PAL	
<b>RLACS134N</b>	High res camera kit - NTSC	
<b>ACS134N</b>	High res camera only - NTSC	
<b>RLACS135</b>	Low res camera kit - PAL	
<b>ACS135</b>	Low res camera only - PAL	
<b>RLACS135N</b>	Low res camera kit - NTSC	
<b>ACS135N</b>	Low res camera only - NTSC	

### Video VBOX Pro

<b>RLACS140</b>	High res camera kit - PAL	
<b>RLACS140-5</b>	High res camera kit – PAL - 5 meter cable	
<b>ACS140</b>	High res camera only - PAL	
<b>RLACS140N</b>	High res camera kit - NTSC	
<b>RLACS140N-5</b>	High res camera kit – NTSC - 5 meter cable	
<b>ACS140N</b>	High res camera only - NTSC	

### Video VBOX Waterproof

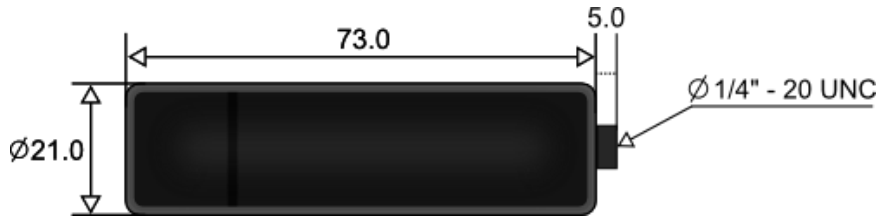
<b>RLACS134H</b>	High res camera kit - PAL	
<b>ACS134H</b>	High res camera only - PAL	
<b>RLACS134HN</b>	High res camera kit - NTSC	
<b>ACS134HN</b>	High res camera only - NTSC	
<b>RLACS135H</b>	Low res camera kit - PAL	
<b>ACS135H</b>	Low res camera only - PAL	
<b>RLACS135HN</b>	Low res camera kit - NTSC	
<b>ACS135HN</b>	Low res camera only - NTSC	

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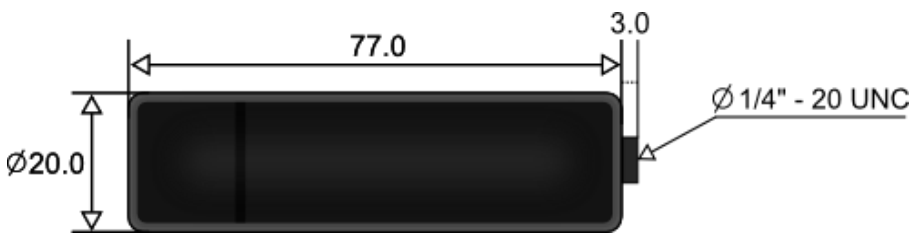


## Dimensions

### High Resolution



### Low Resolution



## Troubleshooting

Problem	Actions
Nothing appears on the screen	→ Please check the power connection. → Please check the video signal line connection.
The video image is not clear	→ Please check if the lens and the outer glass is clean – Dirt or fingerprints on the lens can affect the image blooming or reflecting. Gently wipe away any dirt or fingerprints from the lens or glass with a soft cloth. → Please check if the camera is exposed directly toward a bright light, sunlight, or reflective surface.
The screen is dark	→ Please check the power supply is within specification.
The camera's surface is hot and black stripes appear on the screen	→ Please check that the power supply is regulated and within specification.
The screen is flickering	→ Please check if the camera is facing directly towards sunlight or fluorescent light.

## Contact information

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