

247

SECURITY

DIGITAL VIDEO CAMERAS



PRODUCT OVERVIEW

247Security's new ShieldCAM, with its innovative windshield-mounting bracket offers you greater flexibility and more coverage options than ever before.

Now you can choose to see not only inside the vehicle but also monitor what goes on outside, or up the road ahead.

With the new ShieldCAM, you can review boarding and exiting procedures

while capturing incidents occurring at the doors, as well as outside and in front of the vehicle.

Built for ease of installation, each camera installs with a single cable connection to supply power together with audio and video outputs.

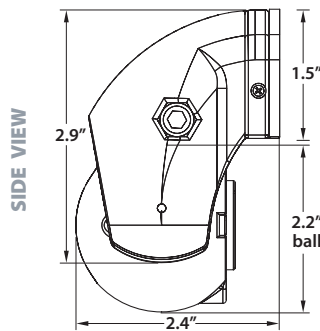
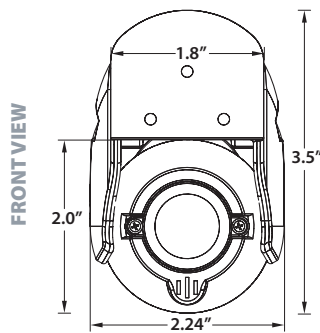
Encased in machined aluminum and protected by a polycarbonate lens shield; our cameras are built to withstand impact, vibration, and abuse that is inherent in the day-to-day operation of your fleet.

500-SC

WINDSHIELD CAMERA ▲

Highlights

- High Resolution (720x480) Full-Color Video
- Complete Forward View, to see the road ahead
- Noise-Reduction Microphone
- 3-Axis ball-in-socket for increased range of viewing angles

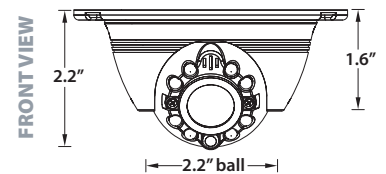
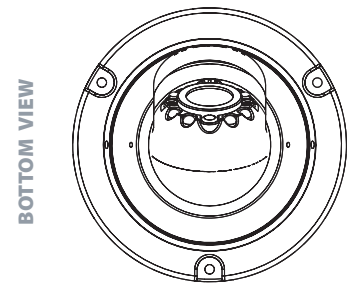


500-IR

◀ INTERIOR CAMERA

Highlights

- High Resolution (720x480) Full-Color Video
- Infrared, available for Low-Light conditions
- Noise-Reduction Microphone
- 3-Axis ball-in-socket for easier aim
- 30% lighter than standard dome cameras



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SPECIFICATIONS

500-SC

ShieldCam

500-IR

Interior Infrared Cam

500-WDR

Wide Dynamic Range Cam

500-STX

Exterior/ Side-Mounted Cam

Image sensor:	1/3" Super HAD Color CCD, SONY	1/3" Super HAD Color CCD, SONY	1/3" Super HAD Double Scan CCD, SONY	1/3" Super HAD Color CCD, SONY
Image size:	1/3"	1/3"	1/3"	1/3"
CCD Effective Pixels:	(NTSC): 500/768(H) x 494(V) (PAL): 755(H) x 582(V)	(NTSC): 500/768(H) x 494(V) (PAL): 755(H) x 582(V)	(NTSC): 500/768(H) x 494(V) (PAL): 755(H) x 582(V)	(NTSC): 500/768(H) x 494(V) (PAL): 755(H) x 582(V)
Scanning System:	2:1 interlace	2:1 interlace	2:1 interlace	2:1 interlace
SYNC System:	Internal	Internal	Internal	Internal
Minimum Illumination:	0.1 lux	0.0 lux (IR On)	0.05 lux	0.1 lux
Lens:	2.97mm, 3.6mm, 6mm, 8mm, 12mm, 16mm	2.97mm, 3.6mm, 6mm, 8mm, 12mm, 16mm	2.97mm, 3.6mm, 6mm, 8mm, 12mm	16mm, 25mm
Horizontal Resolution:	420TVL to 550 TVL	420TVL to 550 TVL	560 TVL	420TVL to 550 TVL
S/N Ratio:	48dB (TYP) (AGC OFF)	48dB (TYP) (AGC OFF)	52dB (TYP) (AGC OFF)	48dB (TYP) (AGC OFF)
Infrared LEDs:	None	8 Infrared LEDs	none	none
Electronic Shutter:	(NTSC): 1/60-1/100,000 sec (PAL): 1/50-1/100,000 sec	(NTSC): 1/60-1/100,000 sec (PAL): 1/50-1/100,000 sec	(NTSC): 1/60-1/100,000 sec (PAL): 1/50-1/100,000 sec	(NTSC): 1/60-1/100,000 sec (PAL): 1/50-1/100,000 sec
Video Output:	One 6-pin Molex, locking connector	One 6-pin Molex, locking connector	One 6-pin Molex, locking connector	One 6-pin Molex, locking connector
Audio:	Built-in noise reduction microphone	Built-in noise reduction microphone	Built-in noise reduction microphone	none
Gamma Correction:	0.45	0.45	0.45	0.45
Gain Control:	AGC On	AGC On	AGC On	AGC On
Smear effect:	0.005%	0.005%	0.005%	0.005%
Storage Temperature:	-30°C to +65°C	-30°C to +65°C	-30°C to +65°C	-30°C to +65°C
Operating Temperature:	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C
MTBF:	75,000 hours	65,000 hours	89,000 hours	65,000 hours
Operating Humidity:	10% to 80% RH, no condensation	10% to 80% RH, no condensation	10% to 80% RH, no condensation	10% to 80% RH, no condensation
Power requirement:	1.8W, supplied by mDVR	2.2W, supplied by mDVR	2.5W, supplied by mDVR	2.2W, supplied by mDVR
Construction:	Die-cast aluminium, ball-in-socket	Die-cast aluminium, ball-in-socket	Die-cast aluminium, ball-in-socket	Die-cast aluminium, ball-in-socket
Dimensions:	3.5" x 2.3" x 2.4"	4.33" x 4.33" x 2.2"	4.5" x 4.5" x 3.4"	6.3" x 3.1" x 2.3"
Weight:	240g	340g	360g	345g

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