

Forward Facing Camera

Wide Dynamic Range camera for windshield-view surveillance on mobile transit vehicles

OVERVIEW

The MobileView™ Forward-facing Camera is designed for installation behind the front windshield of mobile transit vehicles. The bullet-camera-like design, cast aluminum housing, varifocal lens, and wide dynamic range ensures the versatility and durability needed to capture critical forward-facing video in moving vehicles.

The Wide Dynamic Range (WDR) image sensor adapts to the variations in light typical of front windshield views with shadows, tunnels, oncoming headlights and other quick lighting changes. The standard rubber hood eliminates reflection glare from inside lights when contacting the windshield.

The rugged, adjustable mounting bracket both ensures easy installation and serves as a vandal-resistant housing.



STANDARD FEATURES

- Varifocal lens
- Wide dynamic range
- Cast aluminum housing
- Bullet-camera-like design
- Glare-reducing boot
- Adjustable mounting bracket

Forward Facing Camera

North America
T 855-286-8889

Asia
T 852-2907-8108

Australia
T 61-3-9239-1200

Europe
T 32-2-725-11-20

Latin America
T 561-998-6114

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Specifications

Video

Image Sensor	1/3" Color DSP with Xposure WDR technology
Lens Type	Varifocal: 2.8-10.5mm
Lens Movement	3-Axis Mechanism
Total Pixels	720 x 540
Effective Pixels	720 x 540
Resolution	520 TVL
Sync System	Internal
S/N Ratio	Greater than 45 dB
S/N (dB) gain off	120
Electronic Shutter	Auto, Fixed:1/60 (1/50)~1/100,000 sec
Min. Illumination	0.01 lux
Back Light Comp.	Yes
Auto Gain Control	Yes
Auto White Balance	Yes (2000K~11000K)
Video Format	NTSC
Scanning	NTSC: 525Lines/60 Fields
Video Output	1.0Vp/p, 75 ohm

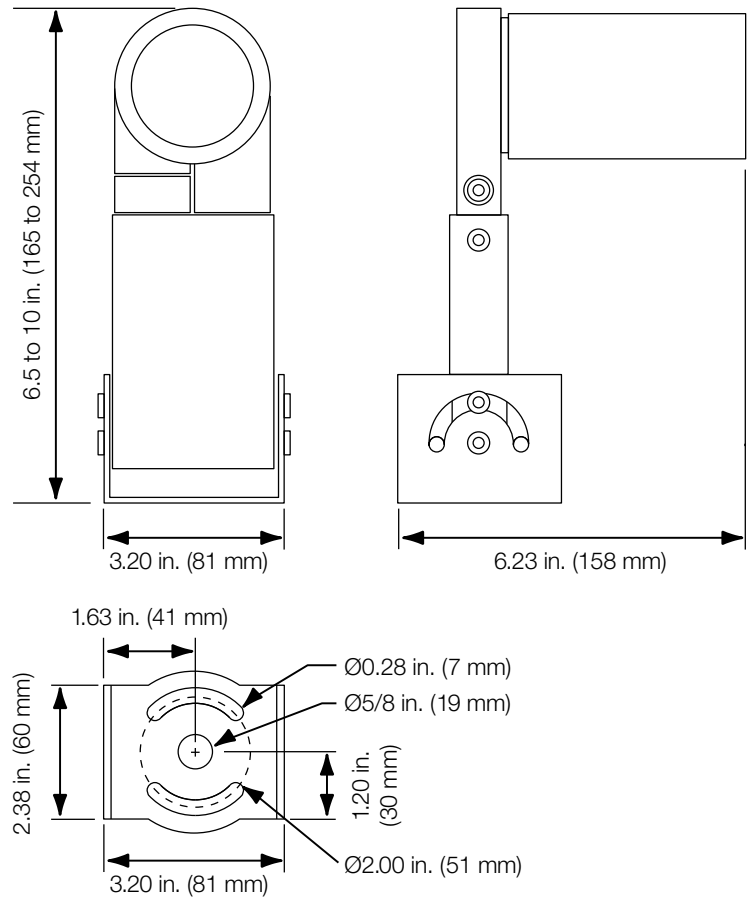
Electrical

Power Source	DC 12V
Power Consumption	1.48W (Max)
Current	123mA

General

Weight	5 lbs. (2.3 Kg) (w/mount)
Dimensions	5.3 x 3.1 x [adjustable 6.5 to 10] in. (135 x 61 x [adjustable 165 to 254] mm)
Operating Temperature	14F to 122F (-10C ~ +50C)
Weather Resistance	Interior
Housing Materials	Aluminum Cast
Regulatory	CE, FCC

Dimensional Diagrams



Ordering Information

MSS-7007-00-FF	MobileView™ forward-facing camera, white
MSS-7007-00-BL-FF	MobileView™ forward-facing camera, black



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Specifications subject to change without notice.

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210-3588 2012/10 (71365F)