

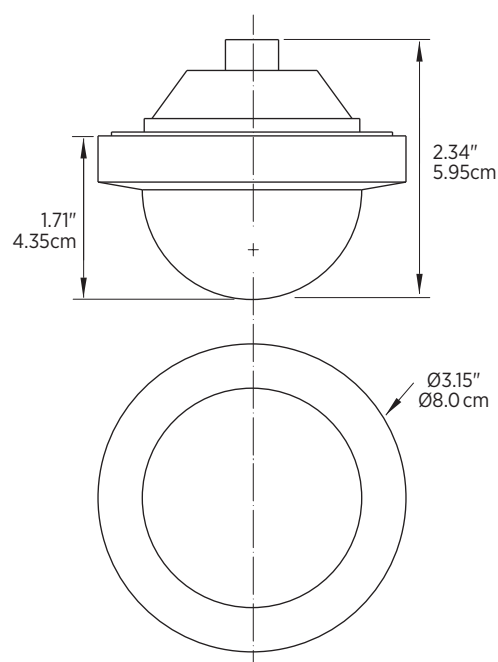
Mobile IR MicroDome

Interior IR dome for mobile applications



NDAA Compliant

The **Mobile IR MicroDome** from March Networks® is ideal for surveillance inside any bus or light rail vehicle. Its compact, vandal-resistant design makes it ideal for small interior spaces, and impervious to vandalism. The ruggedized housing protects the camera from dust and moisture, and is built to withstand the harsh transit environment of bus and rail vehicles, including wide temperature swings and humidity. The camera's infrared LEDs enable it to see in virtual darkness, plus it delivers color images in normal lighting, and switches to black and white in low-light conditions.



Key Benefits

- ▼ **See clear images in the dark.** The camera's dual high-powered IR LEDs provide clear video, even when the interior vehicle lights are off.
- ▼ **Exceptional Wide Dynamic Range (WDR).** See all the detail despite the bright light and glare from windows.
- ▼ **Get the perfect viewing angle.** The dome is available in a variety of lens configurations, so no matter what your area of coverage or the degree of detail you require, we have a lens that will meet your needs.
- ▼ **Protected from surroundings.** A compact, vandal-resistant dome cover prevents passengers from tampering with the camera.
- ▼ **Wide temperature ranges.** To ensure the camera is reliable in all-seasons, it can withstand temperatures as low as -4°F (-20°C), and as high as to 140°F (60°C).

Get clear video of all of the action inside the bus, even when the lights are off or the sunlight is streaming in.

Mobile IR MicroDome

CAMERA

Image Sensor	1/3" CMOS WDR, 2D-DNR, flicker automatic cancellation
Wide Dynamic Range	120dB
Lens	Fixed M12, f1.2, 2.9mm, 3.6mm, 4.3mm, or 6mm, fixed lens
Day/Night	Automatic IR Cut Filter
Minimum Illumination	Color: 0.16 lux; B/W: 0.08 lux; B/W with IR: 0 lux
Signal-to-Noise Ratio	43dB
Shutter Time: NTSC	1/60s – 1/16000s
PAL	1/50s – 1/16000s
Sync System	Internal

VIDEO

Effective Pixel Count	550(H) x 450(V)
Horizontal Resolution	650 TVL
Image Settings	Optimized for in-vehicle operation

ELECTRICAL

Power	DC 12 V
Power Consumption	Typical 1.9W, Max 2.3W

GENERAL

Construction	Polycarbonate transparent cover Vandal-resistant aluminum housing IP66
Connectors	Video: BNC
Operating Conditions	-4° to 140°F / -20° to +60°C <90%, non-condensing
Storage Temperature	-40° to 158°F / -30° to +70°C
Weight	0.44 lbs / 0.2 Kg
Included Accessories	Surface mount extension ring, sponge extension ring pad, mounting screws, mounting anchors, installation wrenches

REGULATORY

EMC	EN55032, FCC Part 15 Subpart B, ICES-003, CISPR 32, AS/NZS CISPR 32, EN50130-4
Shock/Vibration	MIL-STD-810, SAE J1455
Others	ROHS, WEEE

ORDERING INFORMATION

30077-101	Mobile IR MicroDome (2.9mm lens)
30078-101	Mobile IR MicroDome (3.6mm lens)
30079-101	Mobile IR MicroDome (4.3mm lens)
30080-101	Mobile IR MicroDome (6.0mm lens)



Flush Mount Dome

Surface Mount extension ring