

Mobile IR MicroDome (Interior)



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.



THE PERFECT VIEWING ANGLE FOR ANY SITUATION

The Mobile IR MicroDome is available in a variety of lens configurations, so no matter what your area of coverage or the degree of detail you need — from the narrowest telephoto view, to a wide-angle depth of field — we have a lens that will meet your needs.

CLEAR IMAGES IN ALL LIGHTING CONDITIONS

The camera's exceptional Wide Dynamic Range (WDR) captures crystal-clear images despite the bright light and glare from windows. And the True Day/Night (TDN) technology and Infrared LEDs provide high-quality video in extreme low-light conditions.

BUILT TO WITHSTAND EXTREME CONDITIONS

To protect the camera from the tough environmental conditions found on bus and rail vehicles, the Mobile IR MicroDome is safely concealed inside a vandal-resistant, IP66 aluminum housing with a transparent polycarbonate cover. In addition, the camera provides dust and humidity ingress protection and complies with industry standard J1455 for shock and vibration in heavy-duty vehicle applications.

PART OF THE RIDESAFE SOLUTION

The Mobile IR MicroDome seamlessly integrates with the March Networks Command™ software and March Networks RideSafe™ GT Series Hybrid Transit NVRs to deliver video and data that's always there when you need it, along with advanced browser-based tools that allow your fleet to archive, search and produce evidence quickly. The March Networks Command Enterprise VMS provides the industry's most comprehensive browser-based interface for managing mobile and fixed enterprise video surveillance infrastructure.

FEATURES

- 1/3" 760H CMOS
- Wide Dynamic Range (WDR)
- True Day/Night (TDN)
- Digital Noise Reduction
- Anti-Flicker
- Dual High-Powered IR LEDs
- Shock and vibration hardened
- IP66 dust and humidity protection
- Wide temperature ranges
- Vandal-resistant housing
- Multiple lens options
- Low power consumption

PART NUMBERS

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

MARCH NETWORKS
RIDESAFE



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CAMERA

Image Sensor	1/3" CMOS WDR, 2D-DNR, flicker automatic cancellation
Wide Dynamic Range	True Multi Exposure WDR @ 120dB
Lens	Fixed M12, f1.2, 2.9mm, 3.6mm, 4.3mm, or 6mm, fixed lens
Day/Night	TDN
IR Cut Filter	Auto D/N switch
Minimum Illumination	1.2 Color: 1.9 lux f.1.2 B/W: 0.08 lux f.1.2 With IR: 0 lux
Signal-to-Noise Ratio	58dB
Shutter Time	
NTSC	1/60s – /66,000s
PAL	1/50s – 1/52,000s
Sync System	Internal

VIDEO

Effective Pixel Count	976(H) x 496(V)
Horizontal Resolution	650 TVL
Image Settings	Optimized for in-vehicle operation

ELECTRICAL

Power	DC 12 V
Power Consumption	Max 2.3W (IR LED on)

GENERAL

Construction	Polycarbonate transparent cover Vandal-resistant aluminum housing IP66
Connectors	Video: BNC
Operating Conditions	-4° to 131°F / -20° to +55°C <90%, non-condensing
Storage Temperature	-40° to 194°F / -40° to +90°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	FCC Part 15 Subpart B; ICES-003; EN55022; EN50130-4, 2004/108/EC
Shock/Vibration	MIL-STD-810, SAE J1455
Others	ROHS, WEEE

