

MS4000 Interior PeriOptic Lens Camera



HIGH QUALITY VIEWS OF THE FRONT & REAR

The MS4000 is an interior camera designed to be roof mounted in the mid-ship facing either the front or back of the bus. Its PeriOptic 4000 Lens is optimized to provide sharp, bright pictures, day or night with a 59.49 degree field of view.

NOISE-GATED MICROPHONES REDUCE DISTORTION

AngelTrax's MS4000 high-resolution PeriOptic Lens cameras were designed with school bus systems in mind, featuring a noise-gated microphone specifically calibrated to focus on the human voice, while reducing background noise and other audio distortions. With the MS4000 mounted near the interior mid-ship of the vehicle facing either forward or back, you receive clear audio and video of passengers in the front or the rear of the vehicle.

DIMENSIONS & WEIGHT

- Lens Size: 4 millimeters
- Width: 3 inches
- Height: 3 inches
- Depth: 3 inches
- Weight: 270 grams

IMAGE CAPTURE & RESOLUTION

- 480 TV lines of resolution
- Scanning system - PAL: 625 lines; NTSC 525 lines
- Light sensitivity: 0.6Lux f1.2 / 0Lux with infrared

OPERATIONAL SPECIFICATIONS

- Operational temperature: -35°F ~ 160°F (-37.22°C ~ 71.11°C)
- Storage temperature: -20°C ~ +70°C

CAMERA SPECIFICATIONS

- 1/3" Sony CCD image sensor
- 4mm PeriOptic Lens
- Internal synchronization
- 0.45 gamma correction
- Electronic iris: 1/60~1/100,000 (NTSC); 1/50~1/100,000 (PAL)
- Automated white balance
- Video Out: 1.0 Vp-p, 750m

POWER & CURRENT CONSUMPTION

- 50mA @ DC12V current consumption
- 0.6W or less power consumption
- DC12V (± 6V) power supply (input voltage)

CAMERA FEATURES

- High image quality with 1/3" Sony CCD Imager
- Working low-light capability - can work in less than 0.6Lux or 0Lux with infrared
- Wide voltage range - 6V ~ 18V
- Low power consumption (50mA @ DC12V) to extend camera lifespan
- Clear black and white image when infrared is activated
- User-selectable audio function
- Automated white balance
- Dynamic built-in microphone with noise-gate filter
- Durable metal lens holder
- Glass lens cover
- Scratch resistant, anti-glare lens
- Built-in AGC
- Waterproof, vandal-proof stamped metal housing



Field of View

CAMERA PLACEMENT

Recommended camera placement and field of view:

