

TR4000HR Interior PeriOptic Lens Camera



CLEAR IMAGE CAPTURE DAY OR NIGHT

The multi-purpose TR4000HR is an interior camera with a PeriOptic 4000 Lens, a 59.49 degree field of view and a 90 degree adjustable viewing angle that is optimized to provide sharp, bright pictures, day or night, in varying locations.

HIGH QUALITY AUDIO & VIDEO

AngelTrax's TR4000HR camera is specially designed to capture the highest quality audio and video from the interior of your vehicle. The PeriOptic 4000 Lens records crystal-clear video with a 59.49 degree field of view and a 90 degree adjustable viewing angle, while the noise-gated microphone filters out external noise and audio distortions. The TR4000HR also comes encased in a durable, vandal-proof stamped metal housing to ensure that your investment is protected.

DIMENSIONS & WEIGHT

- Lens Size: 4 millimeters
- Width: 3 inches
- Height: 2.5 inches
- Depth: 2 inches
- Weight: 160 grams

IMAGE CAPTURE & RESOLUTION

- 520TV lines of resolution
- Effective picture elements:
NTSC 768*492/PAL 752*582 (H*V)
- AGC: ON
- S/N ratio: >48dB (AGC off)
- Light sensitivity: 0.5Lux f1.2 /
0Lux with infrared

OPERATIONAL SPECIFICATIONS

- Operational temperature: -10°C ~ +55°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, 750ohm

POWER & CURRENT CONSUMPTION

- Current consumption: 110mA @DC12V
(less than 200mA @ IR ON)
- DC12V (10V ~ 16V) power supply
(input voltage)

CAMERA FEATURES

- High image quality with 1/3" Sony
CCD Imager
- 4mm PeriOptic high dynamic lens
- Working low light - can work in less than
0.5Lux f1.2 or 0Lux with infrared
- Wide voltage range - 10V ~ 16V
- Low power consumption (90mA @
DC12V) to extend camera lifespan
- Clear black and white image while
IR is activated
- Dynamic built-in audio with
noise-gate filter
- User-selectable audio function
- Automatic white balance
- Metal lens holder with GND isolation
- Built in AGC
- Vandal-proof stamped metal housing
- Full 90 degree angle adjustment
- Ultra wide lens



Field of View

CAMERA PLACEMENT

Recommended camera placement and field of view:

