



CyberDome II

CyberDome II, Next Generation Pan/Tilt/Zoom, Camera

CyberDome™ II updates the best-selling integrated PTZ camera from GE Security with enhanced features. The dome works with multiple vendor systems and can easily be installed in existing systems. Available housings are more durable and permit installation of the dome in a range of applications. Choose from compatible camera modules that include day/night and wide dynamic range functionality.

Five cameras—a color 22x, day/night 18x, day/night 23x with wide dynamic range, day/night 26x and day/night 36x with wide dynamic range—offer several options for different environments. The WDR option is ideal for use in high-contrast lighting conditions. Digital zoom extends the range of the cameras beyond standard optical zoom lenses. The addition of a shroud now conceals camera position.

Cameras can be mounted into newly improved housings featuring alarms and relays for direct wiring to nearby sensors.

In addition, firmware updates are now capable through the same interface as the PTZ. Indoor and outdoor housings are designed to hold up in a variety of environmental conditions, with standard outdoor housings achieving an IP66 environmental rating and can operate to -40 °C with the optional heater.

A special day/night light sensor in the dome controls day/night mode and has multiple thresholds. With a choice to use either the external sensor or the camera sensor, users can select the one that provides best settings for a camera's position. An auto slow shutter feature on the day/night cameras slows down shutter speed for better images in dark areas.



Standard Features

- Comprehensive programming choices with advanced options to meet almost any application
- CyberDome Standard (CYB) models include 4 alarm inputs and 2 relay outputs
- 128 preset positions, 4 preset tours, and 4 Shadow Tours
- Control day/night settings through the camera module or a unit sensor to get best results
- Choose from many options in camera module, housing and accessories
- Quick Spin feature spins camera 180 degrees automatically when bottom of tilt travel is reached
- Variable-speed pan/tilt with smoother pan operation
- Site-tied memory allows camera replacement without reprogramming

CyberDome II

CyberDome II, Next Generation Pan/Tilt/Zoom, Camera

Specifications

General Specifications

- Operating temperature: 32°F to 122°F (0°C to 50°C); with heater : -40°F to 122°F (-40°C to 50°C)
- Power: 25 VA startup, 20 VA running; with heater : 153 VA startup, 66 VA running
- Manual pan speed: 0.5 to 200°/sec
- Manual tilt speed: 0.5 to 120°/sec
- Max. pan/tilt speed: 340°/sec
- Presets: 128 with 24-character title
- Preset tours: 4 tours with 64 presets each
- Shadow tours: 4 with 5 min. each
- Protocols: Digiplex RS422, Impac RS485, ASCII RS422, Pelco D, Pelco P, Ultrak, AD Manchester, Panasonic, VCL, Vicon, Pelco Coaxitron, BBV, AD 4800, Bosch Biphase, Bosch RS232, KD6.

Camera Specifications

Camera: 22x color

- Image sensor: 1/4 in. CCD
- Zoom: Optical 22x; Digital 12x
- Resolution: 470 TVL NTSC; 460 TVL PAL
- Lens: F=4 mm (wide) to 64 mm (tele); F1.6 to F3.8
- Angle of view (H): 47.3° (wide) to 2.2° (tele)
- Sensitivity: 3 lux 1/60 sec NTSC or 1/50 sec PAL
- Sensitivity, ICR-off: N/A
- Electronic shutter speed: 1/60 to 1/30,000 sec, NTSC; 1/50 to 1/30,000 sec, PAL

Camera: 18x day/night

- Image sensor: 1/4 in. CCD
- Zoom: Optical 18x, digital 12x
- Resolution: 470 TVL NTSC; 460 TVL PAL
- Lens: F=4.1 mm (wide) to 73.8 mm (tele); F1.6 to F3.0
- Angle of view (H): 48° (wide) to 2.8° (tele)
- Sensitivity: 0,7 lux 1/60 sec NTSC or 1/50 sec PAL; 0,05 lux at 1/4 sec NTSC or 1/3 sec PAL
- Sensitivity, ICR-off: 0,01 lux 1/4 sec NTSC or 1/3 sec PAL
- Electronic shutter speed: 1/4 to 1/10,000 sec NTSC; 1/3 to 1/10,000 sec, PAL

Camera: 23x day/night with WDR

- Image sensor: 1/4 in. CCD
- Zoom: Optical 23x, digital 12x
- Resolution: 470 TVL NTSC; 460 TVL PAL
- Lens: Lens: F=3.5 mm (wide) to 82.8 mm (tele); F1.6 to F3.4
- Angle of view (H): 54° (wide) to 2.5° (tele)
- Sensitivity: 3 lux 1/60 sec NTSC or 1/50 sec PAL; 0,2 lux at 1/4 sec NTSC or 1/3 sec PAL
- Sensitivity, ICR-off: 0,02 lux 1/4 sec NTSC or 1/3 sec PAL
- Electronic shutter speed: 1/60 to 1/30,000 sec NTSC; 1/50 to 1/30,000 sec, PAL

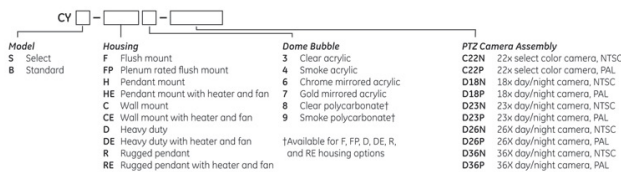
Camera: 26x day/night

- Image sensor: 1/4 in. CCD
- Zoom: Optical 26x, digital 12x
- Resolution: 470 TVL NTSC; 460 TVL PAL
- Lens: F=3.5 mm (wide) to 91 mm (tele); F1.6 to F3.8
- Angle of view (H): 54.2° (wide) to 2.2° (tele)
- Sensitivity: 1.0 lux at 1/60 sec NTSC or 1/50 sec PAL; 0.07 lux at 1/4 sec NTSC or 1/3 sec PAL
- Sensitivity, ICR-off: 0,01 lux 1/4 sec NTSC or 1/3 sec PAL;
- Electronic shutter speed: 1/4 to 1/10,000 sec NTSC; 1/3 to 1/10,000 sec, PAL

Camera: 36x day/night with WDR

- Image sensor: 1/4 inch CCD
- Zoom: Optical 36x; Digital 12x
- Resolution: 530 TVL NTSC; 530 TVL PAL
- Lens: F=3.4 mm (wide) to 122.4 mm (tele); F1.6 to F4.5
- Angle of view (H): 57.8° (wide) to 1.7° (tele)
- Sensitivity: 1.4 lux at 1/60 sec NTSC or 1/50 sec PAL; 0.1 lux at 1/4 sec NTSC or 1/3 sec PAL
- Sensitivity, ICR-off: 0,01 lux 1/4 sec NTSC or 1/3 sec PAL;
- Electronic shutter speed: 1/4 to 1/10,000 sec NTSC; 1/3 to 1/10,000 sec, PAL

Diagram



Ordering Information

CyberDome II

Cyberdome II, Next Generation Pan/Tilt/Zoom, Camera



www.gesecurity.net