



Product Data Sheet

Legend-IP

Legend IP dome, Pan/Tilt, Day/Night camera with Silk Track

SilkTrak™ direct drive eliminates gears and belts for improved performance and reliability. The closed-loop positioning technology provides preset positioning accuracy of ± 0.015 degrees.

Legend IP provides a built-in MPEG-4 video encoder that provides D1 resolution at a full 25 frames per second over a 10/100BASE-T Ethernet network. The encoder also provides a data channel that allows control and programming of the dome over the network connection. Legend IP has a built-in web page that allows you to connect, view and control the dome using any PC with Microsoft Internet Explorer installed that has access to the same network. Legend IP is fully compatible with our other SymSuite products, including SymSecure, SymNav, SymDec and SymNet allowing it to be a drop-in addition to an existing IP video system.

A choice of 36x or 26x optical zoom camera with 12x digital zoom gives this new dome 432x or 312x total zoom. optically superior injection-molded dome bubbles insure crystal clear images, even at the highest zoom magnifications.

With 184-degree tilt travel for above- horizon viewing and electronic image flip, the camera can track activity directly underneath it without having to spin on its pan axis. Each of the 127 preset positions stores the pan, tilt, and zoom position along with a complete list of camera settings including backlight compensation, iris, and shutter settings.

Of the 24 available privacy masks, eight can be displayed simultaneously, allowing portions of an image to be covered. This prevents operators from looking in on neighboring or sensitive areas. Spherical privacy masking uses a 3D representation of the camera view and eliminates mask drift caused by camera tilt angle.



Standard Features

- SilkTrak™ direct drive for smooth and precise PTZ movement
- New 36x day/night camera with removable IR cut filter
- Spherical privacy masking
- Comprehensive programming choices via graphical menus provide flexibility for all applications
- Advanced MPEG-4 compression allows full D1 resolution at 25 frames per second
- Selectable streaming video resolution of D1, 2CIF, or CIF
- Video streaming with UDP support
- Remote configuration over Ethernet
- Alarm reporting over Ethernet
- Email notification on alarms
- Spherical privacy masking
- 32 macros; 16 steps per macro; linkable
- 16 shadow tours; 20 minutes total duration
- 127 presets with title and individual camera settings
- 120 programmable areas per dome, each with title
- 8 built-in alarm inputs; 2 relay outputs
- Electronic image flip
- 24 total privacy masks; 8 displayed simultaneous; with spherical privacy masking

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Specifications

General Specifications

- Drive type SilkTrak Direct Drive
- Pan travel 360° continuous
- Tilt travel 184°
- Manual pan speed 0.01 to 120°/sec
- Manual tilt speed 0.01 to 120°/sec
- Max. pan/tilt speed 400°/sec
- Shadow tours 16 with 20 min. total duration
- Protocols GE RS-422, GE Impac RS-485, GE ASCII RS-422, Pelco P & D RS-422, Honeywell Ultrak RS-422, Tyco AD RS-422

Video Encoder

- Colors Y:U:V 4:2:2; 16.8 million colors
- Grayscale 256 levels
- Horizontal resolution 720 pixels
- Vertical resolution 484 lines
- Digital resolution D1: 720 x 576/720 x 480; 2CIF: 704 x 288/704 x 240; CIF: 352 x 288/352 x 240
- Digital frame rate Up to 25 frames/sec. @ 720 x 576 resolution
- Video compression standard MPEG-4

Camera Specifications

Legend Camera 26x day/night

- Image Sensor: 1/4-in. CCD
- Zoom: Optical 26x; Digital 12x
- Resolution: 470 TVL NTSC; 460 TVL PAL
- Synchronisation: Internal/Line Lock
- 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 PAL;
- Sensitivity, ICR-off: 0.15 lux at 1/60 sec, NTC or 1/50 PAL;
- Electronic Shutter Speed: 1/1 to 1/10.000 sec, 14 steps, NTSC; 1/1 to 1/10.000 sec, 14steps, PAL
- Operating Voltage: 24 VAC +/- 4 VAC

Legend Camera 26x day/night with image stabilization

- Image Sensor: 1/4-in. CCD
- Zoom: Optical 26x; Digital 12x
- Resolution: 470 TVL NTSC; 460 TVL PAL
- Synchronisation: Internal/Line Lock
- Lens: F=3.5 mm (wide) to 91 mm (tele); F1.6 to F3.8
- Angle of View (H): 42.0° (wide) to 1.6° (tele)
- Sensitivity: 2.0 lux at 1/60 sec, NTSC or 1/50 PAL;
- Sensitivity, ICR-off: 0.7 lux at 1/60 sec, NTC or 1/50 PAL;
- Electronic Shutter Speed: 1/1 to 1/10.000 sec, 14 steps, NTSC; 1/1 to 1/10.000 sec, 14steps, PAL

- Operating Voltage: 24 VAC +/- 4 VAC

Legend Camera 36x day/night with WDR

- Image Sensor: 1/4-in. CCD
- Zoom: Optical 36x; Digital 12x
- Resolution: 530 TVL NTSC; 530 TVL PAL
- Synchronisation: Internal/Line Lock
- 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 PAL;
- Sensitivity, ICR-off: 0.01 lux at 1/4 sec NTSV or 1/3 sec PAL
- Electronic Shutter Speed: 1/4 to 1/10.000 sec, 20 steps, NTSC; 1/3 to 1/10.000 sec, 20 steps, PAL
- Operating Voltage: 24 VAC +/- 4 VAC

Ordering Information

