SEE™

Product Overview

RVision's SEE™ pan/tilt/zoom camera is designed to be compact and rugged to meet the needs of many different outdoor applications. The all weather construction can be exposed to the harshest elements from extreme temperatures to caustic environments such as salt air. The vibration isolation feature provides jitter free video making the camera ideal for applications that call for mobility.

Current usages include bridges, ports, tunnels, mines, perimeter security, rail yards, police & command vehicles The high image quality with digital enhancement provides a superior picture. At night, SEE™'s NIR (near infrared) imaging mode and slow scan feature enables near-zero ambient light operation. Adding the optional NIR illuminator creates a zero ambient light night vision solution. The innovative 'QuickDisconnect' and eyebolt built into the base make the SEE™ an installers' dream and a project manager's trump card.

The SEE™ can be used with legacy CCTV systems as well as third party encoders, DVRs, video servers and other security management requirements. For OEM customers, ***RVision***™ offers engineering change revisions to best support client solutions.

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Key Features:

- **Unique design** for pan/tilt/zoom camera offering analog feed to many other applications or other legacy CCTV platforms.
- **IP Addressable** - upon connection to an encoder – see Pumping Station
- **Color/NIR** - video imaging modes.
- **25X Optical** / 12X Digital zoom
- **'Tough as nails'** solid cast aluminum housing can withstand harsh environment.
- **Image Stabilization** is built in so vibration does not affect the viewing of the video under mobile applications.
- **Compact and Lightweight** compared to the competition.
- **Hot Swappable** - means that there is no need to power the camera down to change it out.
- **Quick Disconnect** - lets you install, replace or maintain the camera in a fraction of the time of most cameras, with single key tool.
- **Low Power** makes SEE™ suitable for solar power applications.
- **Optional Hood** protects lens from the elements.
- Pressurized **Nitrogen** eliminates fogging of the camera lens due to sudden changes in temperature.

SEE 820015 / 820017

SPECS

SEE

Pan Angle Range	440°
Tilt Angle Range	240°
Pan Speed	.5° to 80° /s
Tilt Speed	.3° to 30° /s
Pan/Tilt Encoder Resolution	.5°
Weight	4.5 Kg
Housing Material	Cast Aluminum
Size	18 cm diameter
	20 cm tall
Power	11.5 to 30vdc
	500 ma, 2A peak
Vibration	3grms 3axis
	Random
	5 to 1000 Hz
Temperature	-20° to 70° C
Mounting	QuickDisconnect™
Leveling	Mount Adjustment
Optical Zoom	25 x
Digital Zoom	12 x
Imaging Modes	Color/Near Infrared
TV Lines (NTSC/PAL)	470/460
PEL Count (NTSC/PAL)	680,000/800,000
Dynamic Range	49 dB
Light Sensitivity	.02 Lux NIR Mode
Low Light – Long Integration	yes – .25 s
AutoFocus	yes
Image Stabilization	yes
Rich Exposure Control	yes
Time Stamp/Titling in Video	yes
Command/Control:	
Transport	RS232 or RS485
Protocol	Enhanced VISCA™
Detector Sensor Inputs	2, NO or NC
Opt. Infrared Camera Core	7-14µm, .05°C NETD
	320 x 240
Opt. Illuminator	720nm, 50W, 4° Spot