

## HD8EXGCM18W

### 8" EXPLOSION PROOF HOUSING

The HD8EXGCM18W has been developed through a combination of electronic and engineering innovation to produce the smallest explosion proof, pan tilt, zoom camera available today. At less than 15.7 inches high and 7.8 inches in diameter, the HD8EXGCM18W is the most compact, fully functional explosion proof camera on the market. Also, with a weight of only 44 pounds it can be installed almost anywhere without heavy anchoring.

The HD8EXGCM18W features integration mode, allowing the camera to deliver clear images at far lower light levels than conventional cameras. The color/mono imager automatically removes the IR cut filter in extreme low-light conditions, allowing performance in light levels as low as 0.01 lux. The dome is capable of 360° continuous rotation on gold slip-rings and features high-speed precision control with electronic braking from 0.1°/second to 400°/second.

The HD8EXGCM18W features up to 128 presets, 4 preset tours and 4 mimic tours are available. The dome also features Home Position. This allows the dome to return to a user selected position or start a user defined tour after a period of inactivity. This ensures unattended viewing of critical or important areas.

### Market Opportunities

The HD8EXGCM18W Explosion Proof camera and housing is engineered to address the performance inadequacies and reliability of other explosion proof cameras. Attractively priced, it simply out performs all products in its class. What's more, the simple modular design allows non-technical staff to install and replace inferior equipment. Quality construction, combined with reliable electronics ensure low maintenance and long service life even in the most severe conditions.

### Features

- Constructed of 316L stainless steel for applications in extremely hazardous locations
- Withstands high pressure water washes and salt water environments
- The housing is rated for the highest explosion proof environment. This rating includes continuously present explosive atmospheres. While locations are frequently moved to allow lower classifications, this unit can be mounted in "hot zones"
- High resolution, low light DSP camera
- HVS dome sub assembly is plug and play for ease of installation and maintenance
- Useable 12x optical zoom
- Full 360° pan
- 90° tilt

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## SPECIFICATIONS

Technical	
Scanning system	2:1 interlaced
Line resolution	470 TVL
Lens size	4.1 - 73.8mm
Optical zoom	18x
Digital zoom	8x
Focus & iris	Auto/manual
Video output	1.0V p-p, 75 Ohms
Sensitivity	Color .7 lux Mono 0.1 lux Mono integration 0.01 lux
Sync system	Line lock
S/N ratio	>50dB
Operating temperature	-4°F to +140°F / -20°C to + 60°C
Variable speed pan	0.1° to 400° per second
Pan coverage	360°
Variable tilt speed	0.1° to 200° per second
Tilt coverage	90°
Programmable presets	128
Programmable tours	4
Power input	85 volt - 264 volt 50/60 Hz

Handling	
Certification	NEMKO DNV-2004-OSL-ATEX-0458
IP Rating	66/67
Manufactured form	316L stainless steel
Size	7.6in. X 14.9in.
Weight	44lbs.

Ordering	
HD8EXGCM18W	8" explosion proof housing with fully integrated color/mono Gold NTSC including cable glands

**Note:** Honeywell reserves the right, without notice, to make changes in product design or specifications.

### Honeywell Security

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HD8EXGCM18W  
March, 2005  
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