

HCM584LX

HIGH RESOLUTION BLACK AND WHITE CAMERA

Honeywell's HCM584LX black and white camera is ideal for surveillance applications with limited light conditions. Designed for maximum value, the HCM584LX saves you time and money with its easy installation and reliable performance. This camera's off-the-shelf feature sets are developed for sharp picture quality, and they require little to no adjustment once installed.

The HCM584LX supports direct-drive and drive-style Auto Iris lenses to ensure video quality in changing light conditions. Regardless of lens type, attachment is simple with a built-in C/CS mounting ring and four-pin Auto Iris connector standard. A screw terminal block provides reliable power connection, saving installation and maintenance time.

The HCM584LX includes an automatic electronic shutter for light level changes and an automatic backlight compensation option for viewing objects in the foreground with bright light in the background. The HCM584LX produces 580 TV lines of resolution CCIR down to 0.07 lux.

Market Opportunities

The Honeywell HCM584LX is designed for general cost effective high resolution surveillance applications where object identification and recognition are required in low light applications. This includes general indoor and outdoor surveillance applications in retail, educational, financial, and other commercial markets. For extremely dark applications the HCM584LX can take advantage of external infrared illumination to further improve low light sensitivity.

Features

- 1/3" CCD with DSP
- 580 TV lines of resolution (CCIR)
- Low-light performance 0.07 lux (F1.2)
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shutter (AES)
- 12 VDC/24 VAC with line lock, phase adjustable
- C/CS lens mount
- DC, Video and Manual Iris lens support

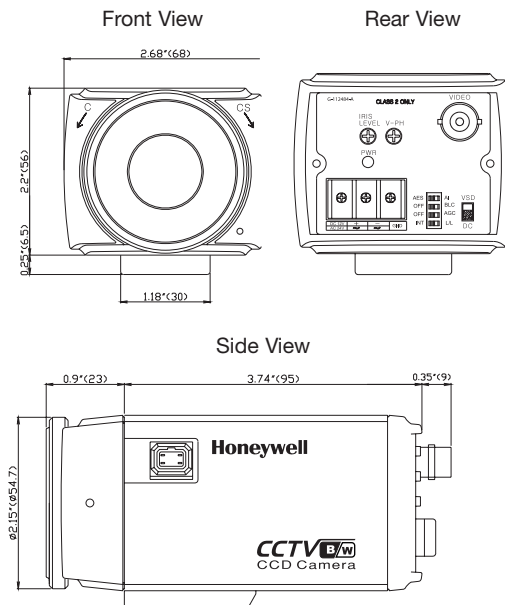


HCM584LX

SPECIFICATIONS

| Operational | |
|------------------------------|---|
| Video Standard | CCIR |
| Scanning System | 625/50 lines (CCIR) |
| Image Sensor | 1/3" Interline Transfer CCD |
| Number of Pixels (H x V) | 752 x 582 (CCIR) |
| Minimum Illumination | 0.07 lux @ F1.2 |
| Horizontal Resolution | 580 TVL (CCIR) |
| Video Output | 1.0 Vp-p @ 75 Ohms |
| Sync System | 12 VDC: Internal 24 VAC: Line lock |
| S/N Ratio | >50 dB |
| Auto Gain Control | On/Off |
| ALC | Variable Iris control for DC drive lenses |
| Automatic Electronic Shutter | 1/50 – 1/100,000 sec (CCIR) |
| Lens Iris Control | DC drive/Video drive |
| Line Lock Phase Adjust | Adjustable AC Line lock |
| BLC | On/Off |
| Electrical | |
| Input Voltage | 12 VDC/24 VAC |
| Input Range | 11 - 16 VDC, 17 - 28 VAC |
| Surge Suppression | 1.5 kW transient |
| Power Consumption | 2.0 W |
| Mechanical | |
| Dimensions (W x H x D) | 68 mm x 56 mm x 120 mm |
| Weight | 0.35 kg camera only |
| Construction | Housing: Aluminium Finish: Cool grey powder coat |
| Camera Mount | 1/4 – 20 UNC mounting shoe |
| Lens Mount | C/CS adjustable mounting ring |
| Connector | Video Output: BNC connector Lens: 4-pin connector Power Input: Screw terminal block |
| Power Indicator | Green LED indicates Power On |
| Environmental | |
| Temperature | Operating: -10°C to 50°C Storage: -20°C to 70°C |
| Relative Humidity | 20% to 80%, non-condensing |

| Regulatory | |
|--------------------------|---|
| Emissions | FCC, CE (EN55013) |
| Immunity | CE (EN50130-4) |
| Safety | EU: 73/23/EEC LVD |
| Accessories: | |
| Recommended Lens Options | |
| HLD28V8F95L | 2.8 – 8 mm, F0.95, DC Auto Iris lens |
| HLD27V13DNL | 2.7 – 13.5 mm, F1.3, DC Auto Iris lens |
| HLD5V50F13L | 5.0 – 50 mm, F1.3, DC Auto Iris lens |
| Housing and Mounts | |
| AVH530SH4 | Housing - 12-24V, Aluminium, no shield |
| AVH530SH5 | Housing - 110-240VAC, Aluminium, sunshield |
| AVH500WMB | Wall bracket - standard sunshield |
| AVH500CMB | Wall bracket -cable management |
| Power Supplies | |
| HPTV2401D | 240V/24VAC 1A Output for internal use |
| HPTV2408-1D | 230V/24VAC 8 individually fused 1A outputs for internal use |



| Ordering | |
|----------|--|
| HCM584LX | 1/3" High Resolution B/W Camera with DSP, 580 TVL, 12 VDC/24 VAC, CCIR |

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

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