

## HCM405LX

### STANDARD RESOLUTION BLACK AND WHITE CAMERA

The Honeywell HCM405LX black and white camera is ideal for surveillance applications with limited light conditions. Designed for maximum value, this camera saves you time and money with its easy installation and reliable performance. The HCM405LX's off-the-shelf feature sets are developed for sharp picture quality, and they require little to no adjustment once installed.

This camera supports direct-drive and video-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 2-pin appliance coupler and matching cord set provide reliable power connection and save installation and maintenance time.

The HCM405LX 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 HCM405LX produces 400 TV lines of resolution down to 0.05 lux.

#### Market Opportunities

The Honeywell HCM405LX is designed for cost effective surveillance applications where object detection is 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 HCM405LX can take advantage of external infrared illumination to further improve low light sensitivity.

#### Features

- 1/3" CCD with DSP
- 400 TV lines of resolution
- Low-light performance 0.05 lux (F1.2)
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shutter (AES)
- 230 VAC with line lock, phase adjustable
- C/CS lens mount
- DC, Video and Manual Iris lens support

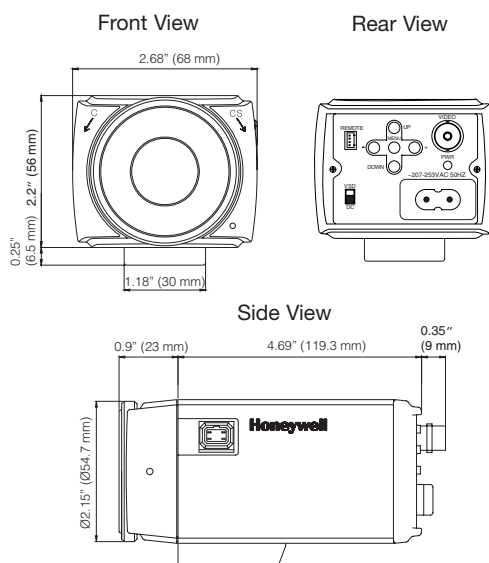


# HCM405LX

## SPECIFICATIONS

| Operational                  |                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------|
| Video Standard               | CCIR                                                                                         |
| Scanning System              | 625/50 lines                                                                                 |
| Image Sensor                 | 1/3" Interline Transfer CCD                                                                  |
| Number of Pixels (H x V)     | 500 x 582                                                                                    |
| Minimum Illumination         | 0.05 lux @ F1.2                                                                              |
| Horizontal Resolution        | 400 TVL (CCIR)                                                                               |
| Video Output                 | 1.0 Vp-p @ 75 Ohms                                                                           |
| Sync System                  | 230 VAC: Line lock                                                                           |
| S/N Ratio                    | >50 dB                                                                                       |
| Auto Gain Control            | On/Off                                                                                       |
| Automatic Electronic Shutter | 1/50 - 1/100,000 sec                                                                         |
| Lens Iris Control            | DC drive/Video drive                                                                         |
| ALC                          | Variable Iris control for DC drive lenses                                                    |
| Line Lock Phase Adjust       | Adjustable AC line lock                                                                      |
| BLC                          | On/Off                                                                                       |
| Electrical                   |                                                                                              |
| Input Voltage                | 230 VAC                                                                                      |
| Input Range                  | 207 - 253 VAC                                                                                |
| Surge Suppression            | 1.5 kW transient                                                                             |
| Power Consumption            | 3.2 W                                                                                        |
| Mechanical                   |                                                                                              |
| Dimensions (W x H x D)       | 68 mm x 56 mm x 140 mm                                                                       |
| Weight                       | 0.38 kg, camera only                                                                         |
| Construction                 | Housing: Aluminium<br>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<br>Lens: 4-pin connector<br>Power Input: 2-pin appliance coupler |
| Power Indicator              | Green LED indicates Power On                                                                 |
| Environmental                |                                                                                              |
| Temperature                  | Operating: -10°C to 50°C<br>Storage: -20°C to 70°C                                           |
| Relative Humidity            | 20% to 80%, non-condensing                                                                   |

| Regulatory               |                                            |
|--------------------------|--------------------------------------------|
| Emissions                | 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       |                                            |
| AVH530SH5                | Housing - 110-240VAC, Aluminium, sunshield |
| AVH500WMB                | Wall bracket - standard                    |
| AVH500CMB                | Wall bracket - cable management            |



| Ordering |                                                                      |
|----------|----------------------------------------------------------------------|
| HCM405LX | 1/3" Standard Resolution B/W Camera with DSP, 400 TVL, 230 VAC, CCIR |

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

### Honeywell Security

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