

HCD485LX

TRUE DAY/NIGHT HIGH RESOLUTION COLOUR CAMERA

The Honeywell HCD485LX colour camera is ideally suited for use in 24/7 surveillance applications. The HCD485LX adapts to varying lighting conditions to ensure the highest quality picture even in very low light. When the light level drops too low for accurate video identification in colour, the camera automatically moves the IR cut filter out of the optical path and then switches to black and white video to capture more detail using the increased sensitivity of the CCD to IR light. The camera uses internal logic or RS485 communication to control the switchover from colour to black and white. This improves the reliability of the operation of the camera in difficult installations or lighting conditions.

An on-screen text menu simplifies all setup and adjustment options. Menu navigation is simple and picture adjustments can be made in a matter of seconds with easy-to-use pushbuttons on the back of the camera.

The HCD485LX includes an automatic electronic shutter for changes in light level, and three zones of automatic backlight compensation option for viewing backlit scenes. The HCD485LX produces 480 TV lines of resolution for applications requiring the highest level of sharpness in video quality as well as providing reliable video quality even in low light conditions down to 0.1 lux.

Market Opportunities

The Honeywell HCD485LX is designed for high resolution 24/7 surveillance applications, including those using infrared illumination. This includes general indoor surveillance applications in retail, financial, and other commercial markets. Combined with the AVH environmental housing, the HCD485LX can be used as a solution for outdoor applications such as car parks, building entranceways, and driveways.

Features

- 1/3" colour CCD with DSP
- 480 TV lines of resolution
- True Day/Night low light performance down to 0.1 lux (F1.2)
- Manual Exposure Mode for setting shutter speed
- Automatic Electronic Shutter (AES)
- 3 Zone Automatic Backlight Compensation (BLC)
- 230 VAC with line lock, phase adjustable
- DC, Video and Manual Iris lens support
- Phase adjustable line lock
- Improved low light sensitivity using external IR illumination

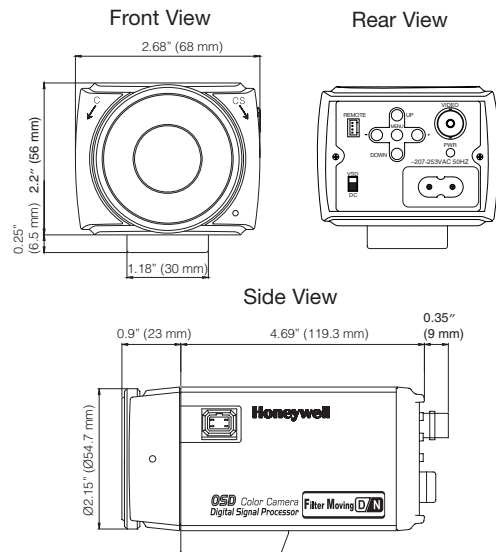


HCD485LX

SPECIFICATIONS

| Operational | |
|------------------------------|--|
| Video Standard | PAL |
| Scanning System | 625/50 TVL |
| Image Sensor | 1/3" Interline Transfer CCD |
| Number of Pixels (H x V) | 752 x 582 |
| Minimum Illumination | 0.1 lux @ F1.2 |
| Horizontal Resolution | 480 TVL |
| Video Output | 1.0 Vp-p @ 75 Ohms |
| Sync System | 230 VAC: Line lock |
| S/N Ratio | >50 dB |
| Auto Gain Control | Off 10 db-38 db |
| ALC | Variable Iris control for DC drive lenses |
| Automatic Electronic Shutter | 1/50 – 1/100,000 sec |
| Manual Electronic Shutter | 1/50 – 1/10,000 sec |
| Lens Iris Control | DC drive/Video drive |
| BLC | 3 zones - High, Middle, Low, Off |
| Line Lock Phase Adjustment | Adjustable AC line lock |
| White Balance | ATW/AWB/Manual/Fixed |
| OSD | Camera title setting/Menu control |
| Remote Control | RS485 |
| Electrical | |
| Input Voltage | 230 VAC |
| Input Range | 207 - 253 VAC |
| Surge Suppression | 1.5 kW transient |
| Power Consumption | 4.5 W |
| Mechanical | |
| Dimensions (W x H x D) | 68 mm x 56 mm x 140 mm |
| Weight | 0.41 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: 2-pin appliance coupler |
| 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 | CE (EN55013) |
| Immunity | CE (EN50130-4) |
| Safety | EU: 73/23/EEC LVD |
| Accessories: | |
| Recommended Lens Options | |
| HLD29V8DNL | 2.9 - 8 mm, F0.95, DC Auto Iris, IR corrected |
| HLD27V13DNL | 2.7 - 13.5 mm, F1.3, DC Auto Iris, IR corrected |
| HLD5V50DNL | 5.0 - 50 mm, F1.6, DC Auto Iris, IR corrected |
| Housing and Mounts | |
| AVH530SH5 | Housing - 110-240VAC, Aluminium, sunshield |
| AVH500WMB | Wall bracket - standard |
| AVH500CMB | Wall bracket - cable management |



| Ordering | |
|----------|--|
| HCD485LX | 1/3" CCD High Resolution True Day/Night Camera with DSP, 480 TVL, 0.1 lux, 230 VAC, RS485, PAL |

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

Honeywell Security

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