



**HT650IRVFHQS** 2.8 - 12mm DC auto iris varifocal lens, silver housing  
**HT650IRVFHQW** 2.8 - 12mm DC auto iris varifocal lens, white housing

### Features

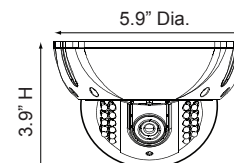
- 650 lines resolution
- Internal IR LEDs with anti-reflective technology
- Up to 65 ft. IR range using 22 IR LEDs
- Tamper resistant construction
- IP67 rated for extreme weather applications
- Optional wall, ceiling & junction box adapters are available
- Adjustability of camera functions through OSD
- 12VDC / 24VAC dual voltage operation
- 5 year warranty

### Specifications

|                               |                             |
|-------------------------------|-----------------------------|
| Image Sensor .....            | 1/3" color CCD              |
| Resolution.....               | 650 TV lines                |
| Minimum Illumination.....     | 0 lux IR on, 0.1 lux IR off |
| Effective Pixels .....        | 768 (H) x 494 (V)           |
| Iris.....                     | Auto Iris                   |
| Electronic Shutter Speed..... | 1/60 sec. – 1/100,000 sec.  |
| Effective IR Range.....       | 65'                         |
| Number of LEDs.....           | 22                          |
| LED IR Wave Length.....       | 850nm                       |
| S/N Ratio .....               | 45dB                        |
| Gamma.....                    | 0.45 typ.                   |
| Video Signal Output.....      | 1.0Vp-p, 75 Ohm             |
| Scanning System.....          | 2:1 interlaced              |
| Synchronization .....         | Internal                    |
| Backlight Compensation.....   | Off / Low / Middle / High   |
| OSD.....                      | Yes                         |
| AGC.....                      | Off / Low / Middle / High   |
| CDS Sensor.....               | Yes                         |
| TV System.....                | NTSC                        |
| White Balance .....           | ATW / AWC / Manual          |
| Gain Control .....            | Auto                        |
| BLC / HLC .....               | Yes                         |
| Day & Night .....             | Electronic                  |
| Operating Temperature.....    | 14° F – 122° F              |
| Storage Temperature.....      | -4° F – 140° F              |
| Motion.....                   | On / Off (4 zone)           |



camera shown  
with optional  
wall mount (650WMTS)



|                                   |                                                              |
|-----------------------------------|--------------------------------------------------------------|
| Privacy.....                      | On / Off (8 zone)                                            |
| Weather Resistant IP Rating ..... | IP67                                                         |
| Power Consumption .....           | 450mA                                                        |
| Power Supply .....                | 12VDC / 24VAC (dual voltage)<br>(power supply not included)  |
| Housing .....                     | Aluminum                                                     |
| Indoor / Outdoor .....            | Both                                                         |
| Dimensions.....                   | 5.9" (Dia.) x 3.9" (H)                                       |
| Weight .....                      | 2.2 lbs.                                                     |
| Included in Package .....         | BNC test lead,<br>DC power pigtail,<br>installation hardware |

### Optional Accessories



**650WMTS** silver  
**650WMTW** white  
optional wall mount



**650CMTS** silver  
**650CMTW** white  
optional ceiling mount



**650CPS** silver  
**650CPW** white  
optional corner/  
pole mount



**650JBMTS** silver  
**650JBMTW** white  
optional junction box



**PSW4**  
24VAC Power Supply



**PSW5**  
12VDC Power Supply

Speco Technologies is constantly developing and improving products.

We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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For more information contact Speco Technologies

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