

Comparison of UFODAS Camera Specifications

Dahua cameras tested and selected for UFODAS over competing brands and models due to:

Best price vs performance

Excellent light sensitivity and resolution

Rugged enclosures and ability to maintain water-proof rating mounted dome-up

5-year warranty

| | N51BD22 | NK8BR4 | 42212TNI | 50230UNI-A |
|---------------------------|----------------|---------------|-----------------|-------------------|
| Main channel resolutions | 2592 x 1944 | 4000 x 3000 | 1920 x 1080 | 1920 x 1080 |
| | 2688 x 1520 | 2880 x 2880 | 1280 x 720 | 1280 x 720 |
| | 2304 x 1296 | 2880 x 2160 | | 704 x 480 |
| | 1920 x 1080 | 2048 x 1536 | | |
| | 1280 x 960 | | | |
| | 1280 x 720 | | | |
| Sub Stream 1 resolutions | 704 x 480 | 704 x 576 | 704 x 480 | 704 x 480 |
| | 640 x 480 | 352 x 288 | 352 x 240 | 352 x 240 |
| | 352 x 240 | | | |
| Sub Stream 2 resolutions | none | 1280 x 960 | 1280 x 720 | 1280 x 720 |
| | | 704 x 480 | 704 x 480 | 704 x 480 |
| | | | 352 x 240 | 352 x 240 |
| Color sensitivity | 0.009 lux | 0.001 lux | 0.005 lux | 0.005 lux |
| B&W (IR) sensitivity | 0.09 lux | 0.01 lux | 0.0005 lux | 0.0005 lux |
| Pan-Tilt-Zoom control | no | no | yes | yes |
| Optical zoom | none | none | 12x | 30 x |
| Angle of View, Horizontal | 96 deg | 180 deg | 58.2 - 4.2 deg | 67.8 - 24. deg |
| Angle of View, Vertical | 70 deg | 180 deg | | |
| Environment | IP67 | IP67 | IP66 | IP67 |
| Temperature range, °C | -30 to +60 | -30 to +60 | -30 to +60 | -40 to +60 |

** See individual camera data sheets for specification qualifiers

-- Cameras can simulataneously stream video from both the Main and Sub stream outputs

-- All cameras environmentally rated IP66 or IP67 (all weather)

-- All cameras have IR cut filters that can be selected for normal color or electronically removed for IR

-- IR sensitivity shown with IR emitter off