



SpeedDome® Ultra Drone III Fixed Camera

Features That Make a Difference:

- Identical in appearance to the full-featured SpeedDome Ultra
- Friction bearings hold camera in set position
- Powerful visual deterrent
- Multiple mounting options
- 540 line color camera inside
- Interchangeable with SpeedDome Ultra (fits standard and I/O board mounting bases)
- Choice of 2.5 - 6 mm, 3.8 - 9.5 mm, or 9 - 22 mm auto iris lenses
- Manual focus, zoom and iris adjustments
- 0.65 lux CF1.2
- Camera and eyeball of drone can be manually adjusted after installation
- Compatible with SpeedDome Ultra outdoor housings

The SpeedDome Ultra Drone III is a fixed camera housed inside the SpeedDome Ultra chassis. This 540 line color camera – with its choice of 1/3-inch, auto vari-focal lenses – provides a value driven alternative for users who require fixed camera coverage, but like the appearance and deterrence of a full-featured dome camera.

The 370° pan and 90° tilt mechanism enables the internal camera and the eyeball to be manually positioned in any orientation. The friction bearings hold the camera in that fixed position, pointing at the desired camera view. The manual lens controls allow for zoom, iris and focus adjustments as necessary. A dummy model is also available without a camera/lens assembly.

For maximum flexibility, the drone can accommodate both types of SpeedDome Ultra mounting bases – the standard mounting base and the I/O board mounting base. This means that the drones are interchangeable with SpeedDome Ultra without the need for any re-cabling. The interchangeability allows you to install the drones at a facility and then replace them with programmable domes as budgets and/or needs change. In addition, you can interchange the drones and the domes as surveillance requirements change.

Model Numbers

Housing/Eyeball Assemblies

- ADSDUDH2506NDrone Color NTSC, 2.5-6 mm
- ADSDUDH2506PDrone Color PAL, 2.5-6 mm
- ADSDUDH3895NDrone Color NTSC, 3.8-9.5 mm
- ADSDUDH3895PDrone Color PAL, 3.8-9.5 mm
- ADSDUDH0922NDrone Color NTSC, 9-22 mm
- ADSDUDH0922PDrone Color PAL, 9-22 mm

Mounting Bases

- ADSDUDPTBStandard Mounting Base
- ADSDUIOBI/O Board base

Pre-Configured Drones/Mounting Bases

- ADSDUDH2506PTNDrone Color NTSC, 2.5-6 mm with standard base
- ADSDUDH2506PTPDrone Color PAL, 2.5-6 mm with standard base
- ADSDUDH2506IONDrone Color NTSC, 2.5-6 mm with I/O base
- ADSDUDH2506IOPDrone Color PAL, 2.5-6 mm with I/O base
- ADSDUDH3895PTNDrone Color NTSC, 3.8-9.5 mm with standard base
- ADSDUDH3895PTPDrone Color PAL, 3.8-9.5 mm with standard base
- ADSDUDH3895IONDrone Color NTSC, 3.8-9.5 mm with I/O base
- ADSDUDH3895IOPDrone Color PAL, 3.8-9.5 mm with I/O base
- ADSDUDH0922PTNDrone Color NTSC, 9-22 mm with standard base
- ADSDUDH0922PTPDrone Color PAL, 9-22 mm with standard base
- ADSDUDH0922IONDrone Color NTSC, 9-22 mm with I/O base
- ADSDUDH0922IOPDrone Color PAL, 9-22 mm with I/O base

Operational

- Pan Travel370° with end stop
- Tilt Travel90°
- Camera SynchronizationLine-lock
- Video Output ConnectorFemale BNC

Camera

- ImagerInterline transfer 1/3 inch CCD array
- Scanning System2:1 interlace
- Video Output1.0 Vp-p, 75 Ω, composite
- S/N Ratio50 dB (typical)
- Horizontal Resolution540 lines at center
- Minimum Illumination0.65 lux (f1.2 lens)
- White BalanceAWB
- NTSC
 - Effective Pixels768 (H) x 494 (V)
 - Scanning540 lines, 60 fields, 30 frames
 - Horizontal15.734 kHz
 - Vertical59.9 Hz
- PAL
 - Effective Pixels752 (H) x 582 (V) pixels
 - Scanning540 lines, 50 fields, 25 frames
 - Horizontal15.625 kHz
 - Vertical50 Hz

Lens

- DesignVari-focal
- Focal Length2.5 to 6 mm, 3.8 - 9.5 mm, 9 - 22 mm
- Aperturef1:1.4
- MountCS
- Viewing angle
 - 2.5-6 mm108.2° x 80.4° (wide) & 47.6° x 35.6° (tele)
 - 3.8-9.5 mm74.2° x 54.0° (wide) & 30.0° x 22.4° (tele)
 - 9-2230.7° x 22.7° (wide) & 14.1° x 10.6° (tele)
- Field of View Formulas
 - Horizontal View = (4.4 x A)/B
 - Vertical View = (3.3 x A)/B
 - A = distance from camera (mm)
 - B = lens focal length (mm)

Electrical

- Input Voltage24 VAC, 50/60 Hz, Class 2 LPS
- Design Tolerance16 to 36 VAC, 50/60 Hz
- Power7.5 watts, maximum

Mechanical

- Height205 mm (8 in)
- Eyeball Diameter120 mm (4.7 in)
- Weight
 - Chassis and Camera0.85 kg (2.2 lbs)
 - Standard Base0.06 kg (0.14 lbs)
 - I/O Board Base0.16 kg (0.36 lbs)
 - RDULTRA0.66 kg (1.45 lbs)
 - Shipping Weight1.7 kg (3.74 lbs)

Environmental

- Operating Temperature-10° to 50° C (14° to 122° F)
- Humidity0% to 95% RH (non-condensing)
- Storage Conditions-20° to 65° C (-4° to 149° F)

Regulatory

- EmissionsFCC: 47 CFR Part 15, Subpart B Class B
 - CE: EN55022 Class B
 - AS/NZS 3548, Class B
 - CISPR22, Class B
 - ICES-003
- ImmunityCE: EN50130-4
- SafetyUL1950
 - CSA22.2 No. 950
 - EN60950-1
 - IEC 60950-1

Accessories

Optional Bubbles* for Top Hat Mount

- RUCLRClear Bubble (f0)
- RUSLVSilver Bubble (f2.0)
- RUSMKSmoked Bubble (f1.0)
- RUGLDGold Bubble (f2.0)

Installation and Removal Accessory

- RHIRTInstallation and Removal Tool

Mounts and Adapters

- RHIUTHTop Hat with trim ring
- RHIUHCHard ceiling bracket (requires RHIUTH)
- RHIUFBFixed bracket (requires RHIUTH)
- RHIUABAdjustable bracket (requires RHIUTH)
- RHOPNPendant Mount
- RHIU3X33 x 3 in mounting plate
- RHIU4X44 x 4 in mounting plate
- RHIU2X22 x 2 ft tile mount (special Top Hat included)
- RHIUIBI-Beam mount with I-Beam adapter
- RHIUCMWall mount with corner adapter
- RHIULWMLong 0.6 m (24 in) wall mount
- RHSDASpeedDome snap-hinge housing adapter

*Bubble diameter and depth 176 x 86.5 mm (6.93 x 3.4 in), weight with trim ring 0.13 kg (4.4 oz)

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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