



## 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**

ADSDUDH2506N	.....Drone Color NTSC, 2.5-6 mm
ADSDUDH2506P	.....Drone Color PAL, 2.5-6 mm
ADSDUDH3895N	.....Drone Color NTSC, 3.8-9.5 mm
ADSDUDH3895P	.....Drone Color PAL, 3.8-9.5 mm
ADSDUDH0922N	.....Drone Color NTSC, 9-22 mm
ADSDUDH0922P	.....Drone Color PAL, 9-22 mm

**Mounting Bases**

ADSDUDPTB	.....Standard Mounting Base
ADSDUIOB	.....I/O Board base

**Pre-Configured Drones/Mounting Bases**

ADSDUDH2506PTN	.....Drone Color NTSC, 2.5-6 mm with standard base
ADSDUDH2506PTP	.....Drone Color PAL, 2.5-6 mm with standard base
ADSDUDH2506ION	.....Drone Color NTSC, 2.5-6 mm with I/O base
ADSDUDH2506IOP	.....Drone Color PAL, 2.5-6 mm with I/O base
ADSDUDH3895PTN	.....Drone Color NTSC, 3.8-9.5 mm with standard base
ADSDUDH3895PTP	.....Drone Color PAL, 3.8-9.5 mm with standard base
ADSDUDH3895ION	.....Drone Color NTSC, 3.8-9.5 mm with I/O base
ADSDUDH3895IOP	.....Drone Color PAL, 3.8-9.5 mm with I/O base
ADSDUDH0922PTN	.....Drone Color NTSC, 9-22 mm with standard base
ADSDUDH0922PTP	.....Drone Color PAL, 9-22 mm with standard base
ADSDUDH0922ION	.....Drone Color NTSC, 9-22 mm with I/O base
ADSDUDH0922IOP	.....Drone Color PAL, 9-22 mm with I/O base

**Operational**

Pan Travel	.....370° with end stop
Tilt Travel	.....90°
Camera Synchronization	.....Line-lock
Video Output Connector	.....Female BNC

**Camera**

Imager	.....Interline transfer 1/3 inch CCD array
Scanning System	.....2:1 interlace
Video Output	.....1.0 Vp-p, 75 Ω, composite
S/N Ratio	.....50 dB (typical)
Horizontal Resolution	.....540 lines at center
Minimum Illumination	.....0.65 lux (f1.2 lens)
White Balance	.....AWB
NTSC	
Effective Pixels	.....768 (H) x 494 (V)
Scanning	.....540 lines, 60 fields, 30 frames
Horizontal	.....15.734 kHz
Vertical	.....59.9 Hz
PAL	
Effective Pixels	.....752 (H) x 582 (V) pixels
Scanning	.....540 lines, 50 fields, 25 frames
Horizontal	.....15.625 kHz
Vertical	.....50 Hz

**Lens**

Design	.....Vari-focal
Focal Length	.....2.5 to 6 mm, 3.8 - 9.5 mm, 9 - 22 mm
Aperture	.....f1:1.4
Mount	.....CS
Viewing angle	
2.5-6 mm	.....108.2° x 80.4° (wide) & 47.6° x 35.6° (tele)
3.8-9.5 mm	.....74.2° x 54.0° (wide) & 30.0° x 22.4° (tele)
9-22	.....30.7° 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 Voltage	.....24 VAC, 50/60 Hz, Class 2 LPS
Design Tolerance	.....16 to 36 VAC, 50/60 Hz
Power	.....7.5 watts, maximum

**Mechanical**

Height	.....205 mm (8 in)
Eyeball Diameter	.....120 mm (4.7 in)
Weight	
Chassis and Camera	.....0.85 kg (2.2 lbs)
Standard Base	.....0.06 kg (0.14 lbs)
I/O Board Base	.....0.16 kg (0.36 lbs)
RDULTRA	.....0.66 kg (1.45 lbs)
Shipping Weight	.....1.7 kg (3.74 lbs)

**Environmental**

Operating Temperature	.....-10° to 50° C (14° to 122° F)
Humidity	.....0% to 95% RH (non-condensing)
Storage Conditions	.....-20° to 65° C (-4° to 149° F)

**Regulatory**

Emissions	.....FCC: 47 CFR Part 15, Subpart B Class B CE: EN55022 Class B AS/NZS 3548, Class B CISPR22, Class B ICES-003
Immunity	.....CE: EN50130-4
Safety	.....UL1950 CSA22.2 No. 950 EN60950-1 IEC 60950-1

**Accessories**

**Optional Bubbles\* for Top Hat Mount**

RUCLR	.....Clear Bubble (f0)
RUSLV	.....Silver Bubble (f2.0)
RUSMK	.....Smoked Bubble (f1.0)
RUGLD	.....Gold Bubble (f2.0)

**Installation and Removal Accessory**

RHIRT	.....Installation and Removal Tool
-------	------------------------------------

**Mounts and Adapters**

RHIUTH	.....Top Hat with trim ring
RHIUHC	.....Hard ceiling bracket (requires RHIUTH)
RHIUFB	.....Fixed bracket (requires RHIUTH)
RHIUAB	.....Adjustable bracket (requires RHIUTH)
RHOPN	.....Pendant Mount
RHIU3X3	.....3 x 3 in mounting plate
RHIU4X4	.....4 x 4 in mounting plate
RHIU2X2	.....2 x 2 ft tile mount (special Top Hat included)
RHIUIB	.....I-Beam mount with I-Beam adapter
RHIUCM	.....Wall mount with corner adapter
RHIULWM	.....Long 0.6 m (24 in) wall mount
RHSDA	.....SpeedDome 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.

