STANDARD OUTDOOR DOMES - SuperDome™ SDW12/16
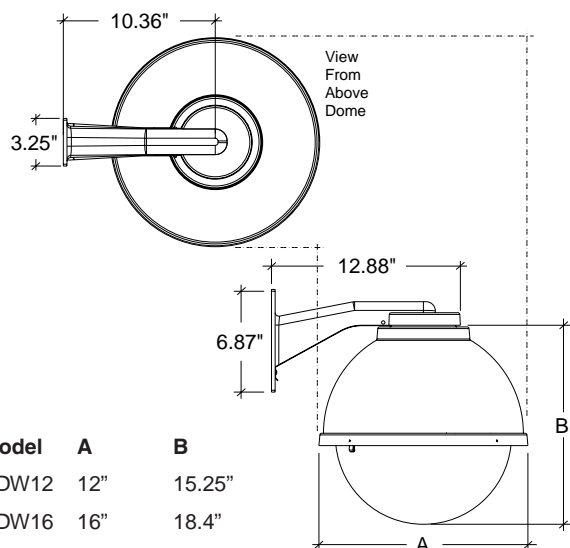
DESCRIPTION

The SuperDome™ is a general purpose dome camera housings. This low-cost unit is available with either a 12" or 16" dome and comes with a factory installed wall mount. It features a 1/4", UV rated, ABS plastic upper dome and a 1/8" cell-cast acrylic lower dome. The 12" model allows two fixed cameras, the 16" unit allows three. Either can be fitted with a scanner or pan/tilt/zoom.

FEATURES

- Security fasteners standard equipment
- Space for up to 3 fixed cameras
    SDW12 MCL - 8" 1 camera/ 7" 2 camera
    SDW16 MCL - 12" 1 camera/ 8" 2 cameras/7" 3 cameras
- Optional heater/blower, and surge protection
- Available with scanner
- Available with fixed speed or variable speed pan/tilt drives
- Available with clear or tinted dome
- Inner liner available as option

CERTIFICATIONS

CE

ARCHITECTURAL/ENGINEERING SPECIFICATIONS

Each unit in the SuperDome™ general purpose, outdoor housing series shall be equipped with a pre-attached, universal wall mount, and shall be available with either a 12" or 16" clear or tinted (1 F-stop light reduction) lower dome made from 1/8" cell-cast acrylic. The upper dome shall be 1/4" ABS plastic. Optional items shall include: 24 VAC, 2.08 Amp heater and surge protector; 24 VAC, .16 Amp blower and surge protector, or heater/blower combination; 355° integral pre-wired 12 degree per second or variable speed pan/tilt; presets; continuous 360° rotation pan/tilt; and CoaxLynx™ receiver/driver and its options.

View From Above Dome

10.36"
3.25"
12.88"
6.87"

Model	A	B
SDW12	12"	15.25"
SDW16	16"	18.4"

MECHANICAL SPECIFICATIONS

Max. Pan Speed - 125°/sec
Max. Tilt Speed - 60°/sec
Min. Pan Speed - .5°/sec
Min. Tilt Speed - .5°/sec
Tilt - Worm gear drive
Pan - Spur gear drive
Max Camera and Lens Weight - 3 lbs
Max Camera Width - 3 5/16"

Wire feed-through via gold-on-gold slip ring

*NOTE: Coaxial cable should always be 95% copper core/copper shield. Coax wire should be used with 3 piece solder or crimp-on BNC connectors only.

ELECTRICAL SPECIFICATIONS

Power Source - 24 VAC
Power Consumption - 52 vA (camera not included)
Pan/tilt Power Consumption - 16 vA (max) - .625 Amps P/T
Maximum load - 5 lbs balanced
Weight - 3.25 lbs (1.47 kg)

WITH PAN/TILT RECEIVER
(VLPT355/360 fixed speed versions)
Power Source - 24 VAC
Power Consumption:
    w/o heater - 30 Watts (max) - 1.25 Amps
    w/heater/blower - 82 Watts (max) - 3.4 Amps
Inputs
    Video - 1 Vpp/75 ohm composite video
    Control - Multiplexed on video signal
Outputs
    Camera Power - Supplied by receiver/driver (9 watts max)
    Pan/tilt - 24 VAC, 15 watts
    Autopan - User selectable autopan
    Lens Function - +/- 6 VDC or +/- 12 VDC, 150 mA max.
        (user selectable)
WITH PAN/TILT RECEIVER
(VLPT400 variable speed versions)
Inputs
    Power - 24 VAC, 30 vA
    Alarm Contact - (4) momentary contacts 24 VAC, NO/NC (selectable)
    Video - 1Vpp/75 ohm composite video*
Control Signal
    VLPT400 - 4 wire RS422 or 2 wire RS485
Outputs
    Camera Power - 24 VAC, 9 vA, (also selectable) 12 VDC
    Lens Power - 5-10 VDC
    Aux - Latching/non-latching
    Alarm Output - Contact closure
    RS232 Control - Optional for camera control only

Videolarm

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Standard Outdoor Domes

MODELS

SDW12C - Outdoor housing with fixed camera bracket, clear lower dome and universal wall mount

SDW12CB - SDW12C with 24 VAC blower

SDW12CHB - SDW12C with 24 VAC heater/blower/thermostat

SDW12CK - Outdoor housing with light-duty scanner, clear lower dome, universal wall mount, 24 VAC heater/blower and surge protector. *(This model is only available in the 12" dome.)*

SDW12CL - SDW12C with liner

SDW12CLHB - SDW12CL with 24 VAC heater/blower/thermostat

SDW12CS/12 - Outdoor housing with 355° integral, pre-wired, high speed, 12° per second pan/tilt; clear lower dome; universal wall mount; 24 VAC heater/blower and surge protector

SDW12CSL - SDW12CS with liner

SDW12CSR/12 - SDW12CS/12 with internal receiver driver. Use with CoaxLynx™ controller

SDW12CZXL - Outdoor housing with clear lower dome, liner, variable speed continuous 360° rotation pan/tilt, and RS485 protocol

SDW16C - Outdoor housing with fixed camera bracket, clear lower dome and universal wall mount

SDW16CB - SDW16C with 24 VAC blower

SDW16CHB - SDW16C with 24 VAC heater/blower/thermostat

SDW16CL - SDW16C with liner

SDW16CLHB - SDW16CL with 24 VAC heater/blower/thermostat

SDW16CS/12 - Outdoor housing with 355° integral, pre-wired, high speed, 12° per second pan/tilt; clear lower dome; universal wall mount; 24 VAC heater/blower and surge protector

SDW16CSL - SDW16CS with liner

SDW16CSR/12 - SDW16CS/12 with internal receiver driver. Use with CoaxLynx™ controller

SDW16CZXL - Outdoor housing with clear lower dome, liner, variable speed continuous 360° rotation pan/tilt, and RS485 protocol

    NOTE: Replace "W" with "P" for a pendant mount

            Replace "C" with "T" in model number for tinted dome (1 F-stop light reduction)

OPTIONS/ACCESSORIES

ACA2 - Aluminum corner mount adapter

APM3 - Aluminum existing pole mount bracket

CA2 - Corner mount adapter

FM1 - Fixed camera bracket

P1600 - 16' pole

PA2 - Roof top wall bracket

PESO1 - Adapter bracket for Pelco PS7 Scanner (SDW12 only) and Pelco 270 and 280 Pan/Tilts (SDW16 only)

PM3 - Existing pole bracket

PRM30G - Aluminum extended parapet mount (for pendant mount)

SCRW2000 - Roof top bracket

SRM1500 - Side wall roof bracket

VLC2/VLC3/VLC36 - Hardwire controls (no receiver needed)

VLC200T - CoaxLynx™ desktop controller

VLC485 - RS-485 controller

WM20G - Aluminum gooseneck wall mount

WM30G - Aluminum parapet mount (for pendant mount)

NOTE: If the application calls for more than one camera in the unit, an additional FM1 bracket will need to be purchased for each additional camera.

Shown with multiple cameras

SHIPPING SPECIFICATIONS

Model	Unit Weight	Shipping Weight	Shipping Box Dim.
SDW12	15 lbs	30 Grd/60 Air	23 x 23 x 22
SDW16	15 lbs	30 Grd/60 Air	23 x 23 x 22

* Shipping weights depend on box dimensions.

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