HIGH SPEED 36X PTZ DOME WITH ON-BOARD VIDEO ANALYTICS

Powered by IQ²™ Technology

PTZ DOME

SD536DWA

- ▶ High Image Quality Resolution (540TVL) with ¼" EXview HAD CCD
- ▶ True Day/Night with Powerful Wide Dynamic Range
- ▶ 36x Motorized Zoom Lens (3.4-122.4mm) / 12x Digital Zoom Ratios
- ▶ 240 Preset Positions (Individual Auto Exposure and Event)
- ▶ Endless Auto-Pan with 13 Speed Steps
- ▶ 8 Tours Consisting of over 300 Functions including Presets, Patterns and Auto-Scans in any Predetermined Sequence
- ▶ While Moving, each Preset Scan can be Watched in Smooth Vector Scan Mode
- ▶ 16 Auto Scans with Normal, Vector (Diagonal), and Random Scanning
- ▶ 8 Patterns (up to 500 Second)
- ▶ 8 Privacy Zone Masking and 16 Area Titles
- ▶ On Board Video Analytics: Various Selectable Detection Methods (Motion Detection, Cross, Enter, Abandon, Removal, Auto Tracking, Cross Tracking)
- ▶ DIS (Digital Image Stabilization) Function
- ▶ 8 Alarm Inputs / 4 Aux Outs (NC & NO)
- ▶ Three Variable Speeds (Slow, Normal, Turbo) from 0.1º per Second to Maximum Speed of 380º per Second
- ▶ Pan / Tilt Speed is Directly Proportional to the Zoom Ratio
- ▶ Auto Calibration from 0.1º to 6º (Tilt Range is 0º to 180º)
- ▶ Programmable User Preferences (Alarm, Preset, Title, etc.)
- ▶ 180º Digital Flip or 90º Auto Flip
- ▶ Up to 999 Selectable Camera Addresses (3999 by Software Setting)
- ▶ Multi-language Menu Display, Password Confirmation
- ▶ Function Run Menu using DVR without Function Key (Pattern, Scan,..)
- ▶ Coaxial Communication with Coaxitron of Pelco & Fastrax
- ▶ Built-in RS-485/422 Receiver Driver

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Advanced Technology Video

PTZ DOME
SD536DWA

SPECIFICATIONS

MODEL	SD536DWA ~ HIGH SPEED 36x PTZ DOME
MODULE	
CCD Type	1/4" EXview HAD CCD
Optical / Digital Zoom	36X / 12X
Resolution (NTSC/PAL)	540TVL
Focal length	3.4mm~122.4mm
Angle of view	3.4mm-57.8°(H) 122.4mm-1.7°(H)
F-Stop	F1.6-F4.5
ILLUMINATION	
Normal	1.4 Lux
Slow Shutter	0.1 Lux
ICR on & Slow Shutter	.01 Lux
ICR on (Day & Night)	YES
WDR	YES
DOME	
Tilt angle	-10° ~ 190° (Digital Flip)
Image Flip	YES
DIS (Digital Image Stabilization)	YES
Auto Calibration	0.1° ~ 6°
Panning angle	360° continuous rotation
Auto Scan	1 auto pan & 16 auto scan capability
Preset	240 presets with individual camera AE setup & Event
Pattern	8 patterns (recording up to 500 sec)
Tour	8 tours (consist of 42 functions/1 tour)
Speed	0.1° ~ 380° sec
Area Title	It can be divided 16 areas with 12 characters of title
Privacy Zone	8 privacy zone masking (2 methods selectable : Block / video off)
Video Analytics	Motion Detection, Cross, Enter, Abandon, Removal, Auto Tracking, Cross Tracking
Menu	GUI (Graphic User Interface)
ELECTRICAL	
Input Voltage	18 to 30VAC; 24VAC nominal, 24VDC
Power Requirement	24VAC/24VDC 1A
Power Consumption	Maximum 20W
Alarm Output	4 Normal relay 24VDC/1A Max. (selectable NC/NO)
Alarm Input	8 Normal dry contact (selectable NC/NO)
Control	RS-485/422 baud rate: 2400~38.4k bps (default: 9600bps) Multi Coaxitron (Pelco, Fastrax)
ENVIRONMENTAL	
Operating temperature	32°F to 122°F (0°C to 50°C)
Operating humidity	0 to 90% RH (non-condensing)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
MECHANICAL	
Dimension	See dimensional drawings
Weight	2.6 lbs (1.2kg)
Certifications	CE, EMC, UL, CSA, FCC, RoHS

DIMENSIONS

BASE RING VIEW
199mm
ø125

BUBBLE RING VIEW
202mm
ø125

BOTTOM VIEW
120
3xø 4.5 Surface Mount Key Hole
17.0
23.0 Wire Connection Hole
45.0 mm

PM304
24.80" (630)
35.82" (910)
5.90" (150)
PARAPET

24.20" (615)
30.82" (915)
5.90" (150)
ROOF TOP

FM-SD1
4.88" (124.0)
CEILING
3.11" (79.0)
ø4.92" (ø125.0)
ø8.66" (ø220.0)

129.0
120
112.0
3- 6.5

DB241
PF 1-1/2"
400.0

DH304-OC
PG-16
PT 1-1/2"
234 (9.21)
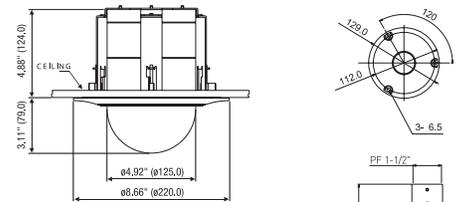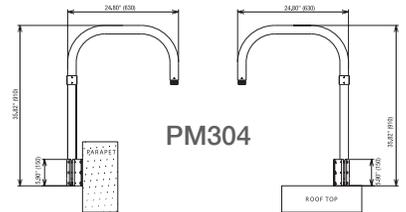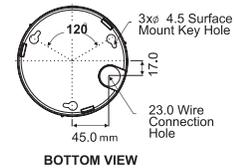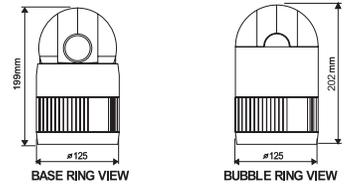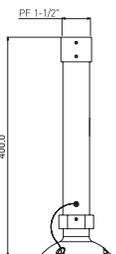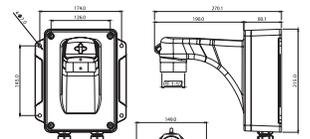
PB120
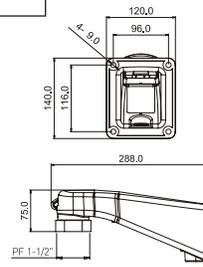
DB242
288.0
75.0
PF 1-1/2"

ACCESSORIES ~ HOUSINGS AND MOUNTS

DH304-OC	Outdoor Speed dome housing, IP66, Heater & Blower Clear Bubble with Sun-shield
DB241	Ceiling mount bracket for DH304
DB242	Wall mount bracket for DH304
PB120	Power box 120VAC input 24VAC output, includes wall mount
FM-SD1	Flush ceiling mount
PM304	Parapet and roof top mount

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