

OmniVu Series PTZ Speed Dome Cameras

NVSD-Z18D

18X Optical Zoom with Day/Night

NVSD-Z23DIW

23X Optical Zoom with Day/Night & WDR



Pendant Housing



Flush Mount Housing

See in the dark !

Day/Night



Conventional Color



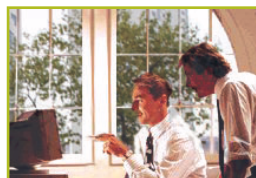
Clear B/W Mode with No Shift in Focus

See through the light !

WDR



Conventional BLC



WDR

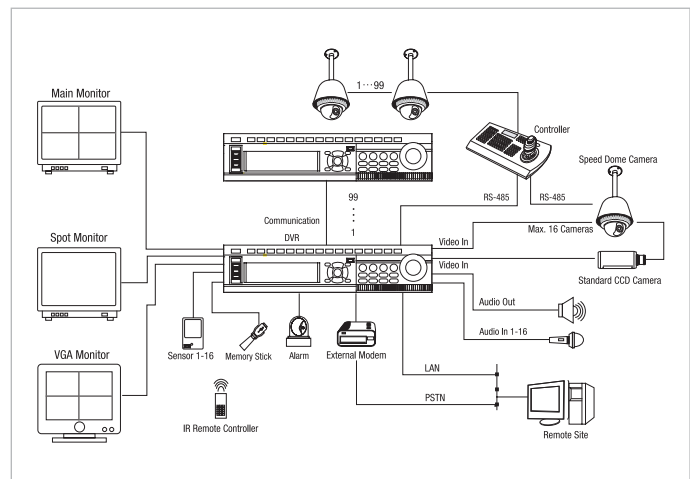
Key Features

- Multiple Protocol Support with Auto Detection and Setup
- Programmable Vector/Diagonal Scan during Auto Tour
- Minimized Vibration at Slow Speeds
- "Instant Digital Flip" of 180° during Tilt travel
- On Screen Camera Direction Display: North, South, East, West
- 8 Privacy Zone Masking
- 360° Continuous Pan
- 4 Auto Scan with Programmable Speeds
- 1 Pattern with 60 seconds of user programmable time & memory
Customized Pattern Include - Pan, Tilt, Zoom
- 4 Tours. Each Tour Consists of 32 Functions. Various Functions Include:
Preset, Auto Scan, Tour, Pattern, Individual Dwell Time & Speed
- 24 Area Title(16 digits per Title)
- 64 Presets with Zoom, Focus, BLC, WDR & Title
- 64 Variable Scan Speed. Supports 0.1°~90°/sec.
3 user defined speeds: slow, medium, fast
- Camera ID - Upto 3999
- Built-in RS-485
- Pull-Down User Menu
- Download/Save/Upload PTZ Settings using NUVICO's
Controller Keyboard, NVCK-3X.
- Built-in Power Surge Protection
- Power Requirement: 24VAC, 40VA

Construction

- 6" Polycarbonate Bubble
- Aluminum Housing
- Aluminum Mounting Brackets
- Fan & Heater Option
- Weatherproof - IP66

System Configuration



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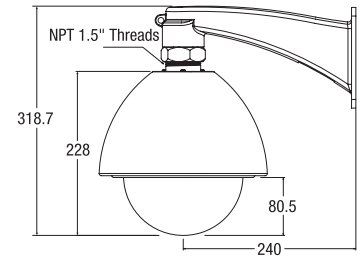
OmniVu Series

PTZ Speed Dome Cameras

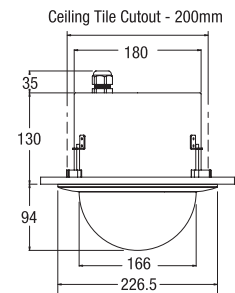
Specifications

Camera/Lens	NVSD-Z18D	NVSD-Z23DIW
Lens	18X Optical, 12X Digital F1.4(f=4.1~73.8mm Optical)	23X Optical, 12X Digital F1.6(f=3.6~82.8mm Optical)
Viewing Angle	2.7° ~ 48°	2.5° ~ 54°
Scanning System	2:1 Interlace	2:1 Interlace
Image Sensor	1/4" EXview CCD	1/4" Progressive Scan CCD
Effective Pixels	NTSC: 768(H) X 494(V) PAL: 752(H) X 582(V)	NTSC: 724(H) X 494(V) PAL: 724(H) X 582(V)
Horizontal Resolution	NTSC : 470 TV Lines PAL : 460 TV Lines	NTSC: 470 TV Lines PAL: 470 TV Lines
Minimum Illumination	0.7 Lux(Color), 0.03 Lux(B/W, DSS Mode)	3.0 Lux(Color), 0.02 Lux(B/W, ICR)
WDR	N/A	Yes
Sync System	Int/Ext, V-Phase Remote Control	Int/Ext, V-Phase Remote Control
Focus	Auto with manual override	Auto with manual override
White Balance	Auto with manual override	Auto with manual override
Iris Control	Auto with manual override	Auto with manual override
Gain Control	Auto with manual override	Auto with manual override
Shutter Speed	NTSC: 1/1 ~ 1/10,000 Pal: 1/1~1/10,000	NTSC: 1/2 ~ 1/10,000 Pal: 1/2~1/10,000
S/N Ratio	50 dB	50 dB
Video Output	1.0 Vp-p, 75 ohms	1.0 Vp-p, 75ohms
Pan/Tilt Functions	NVSD-Z18D	NVSD-Z23DIW
Pan Travel Range	360° Continuous	360° Continuous
Manual Pan Speed	0.2° ~ 90°/sec	0.2° ~ 90°/sec
Manual Turbo Pan Speed	380°/sec	380°/sec
Preset Pan Speed	380°/sec	380°/sec
Tilt Travel Range	-5°~180°	-5°~180°
Manual Tilt Speed	0.2° ~ 90°/sec	0.2° ~ 90°/sec
Preset Tilt Speed	180°/sec	180°/sec
Proportional Pan & Tilt	Yes	Yes
Preset Accuracy	0.2°	0.2°
Preset	64 Position	64 Position
Area Title	24	24
Privacy Zone	8	8
Title Character	16	16
Tour	4	4
Pattern	1(60 sec)	1(60 sec)
Auto Scan	4 + 1(Auto Pan)	4 + 1(Auto Pan)
Automatic Flip(180°)	Instant Digital Flip	Instant Digital Flip
Alarm(Input/Output)	4 / 1	4 / 1
General	NVSD-Z18D	NVSD-Z23DIW
PTZ Dome Power Requirement	24VAC / 40VA	24VAC / 40VA
Fan & Heater Power Requirement	24VAC / 50VA	24VAC / 50VA
Housing	Weatherproof - IP66	Weatherproof - IP66
Operating Temperature	0°C ~ 45°C -35°C ~ 60°C (w/ Fan & Heater)	0°C ~ 45°C -35°C ~ 60°C (w/ Fan & Heater)
Model No.	NVSD-Z18D	NVSD-Z23DIW
Pendant Housing w/ Wall Mount	NVSD-Z18D-PH	NVSD-Z23DIW-PH
Flush Mount Housing	NVSD-Z18D-FM	NVSD-Z23DIW-FM
Fan & Heater Option	NVCC-FH	NVCC-FH
Mounting Accessories		
Pedestal Mount	NVSD-PM	
Parapet Mount	NVSD-PPM	
Corner Mount Bracket	NVSD-CMB	
Pole Mount Bracket	NVSD-PMB	

Dimensions (UNIT: mm)



Pendant Housing w/ Wall Mount



Flush Mount Housing

Mounting Accessories



Pedestal Mount



Parapet Mount



Pole Mount Bracket



Corner Mount Bracket

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