

VT-PTZ18

Xpress Dome PTZ with 18x Optical Zoom



FEATURES

- Built-in 4.1-73.8mm Lens with 18x Optical Zoom / 12x Digital Zoom
- 480 TV Lines of Resolution
- Minimum Illumination of 0.01 lux (f1.4, IR off, Slow Shutter) / 0.7 lux @ 50IRE
- Auto Protocol Detection
- 248 Presets programmed with view direction, zoom, BLC.
- 4 Patterns record and play back user preference of surveillance path up to 240° sec.
- 16 Scans, 1 Auto Pan: 8 speed steps from slow to medium panning with smooth Vector Scan.
- 8 Tours: Each tour consists up to 64 Preset, Pattern, Scan and other Tours.
- Tour can be expanded up to 500 different functions using nested Tours.
- Smooth Vector Scan mode and programmable Individual dwell time camera functions. (Speed, Dwell time BLC, Focus, IRIS of the preset)
- 8 Alarm inputs with 0~8 priority / 2 Auxiliary outputs programmable NC & NO
- 8 Privacy Zones: Video off or up to 8 masked blocks
- 64 steps of variable speed from 0.1°/sec to 90°/sec.
- Max manual speed 360°/sec with Turbo key pressed, Preset speed is 380°/sec.
- Minimum adjustable angle is 0.0375° with Single Step move function.
- Programmable user preferences of speed (Slow, Medium, Fast).



VT-PTPPMT
Parapet Roof
Mount



VT-PTPDMT
Pedestal /
Ceiling Mount



VT-PTCNMT
Corner Mount
Adapter



VT-PTWMT
Wall Mount



VT-KBD1
Xpress Keyboard



VT-PTPLMT
Pole Mount
Adapter



VT-PTODKIT
Outdoor Kit
w/Alarm, Heater,
Blower, & Sun
Shield



VT-PTFMK
Flush In-Ceiling
Mount Kit
w/Clear or
Smoked Bubble



VT-PTHSG
Indoor/Outdoor
Housing w/Clear
or Smoked
Bubble

- 3-Axis 64 Step Variable-Speed Joystick
- Auto Focus with Manual Override
- Large 1 1/2" x 5 3/16" LCD display
- Control up to 256 Devices including Xpress Domes and VITEK Saga Series Digital Video Recorders
- Digital Flip to follow objects (Enable/Disable)
- 18 Programmable Functions (6 keys with 3 layers each)
- Recall 8 Pre-Programmed tours
- Recall up to 248 Preset Positions
- Built-in RS-485/422 half-duplex mode supports up to 64 devices. Simplex mode supports up to 256 devices.



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CYAN

MAGENTA

YELLOW

BLACK

VT-PTZ18

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Detailed Specifications

Image Sensor	1/4" Interline Transfer CCD
Effective Pixels	768(H) X 494(V)
Horizontal Resolution	480 TV Lines
Minimum Illumination	0.7 Lux 50IRE / 0.05 Lux (F1.4 Slow Shutter)
Lens	F1.4(f=4.1 ~ 73.8mm Optical) 18X Optical/12X Digital
Angle of View	4.1mm-48°(H) 73.8mm-2.8 °(H)
Shutter Speed	NTSC - 1 ~ 1/10,000 Pal - 1 ~ 1/10,000
S/N Ratio	50dB
Video Output	1.0 Vp-p, 750Composite
Sync System	Int/Ext, V-Phase Remote Control
Scanning System	2:1 Interlace
Focus	Auto with manual override
White Balance	Auto with manual override
Iris Control	Auto with manual override
Gain Control	Auto with manual override
Pan Travel	360° Continuous
Manual Pan Speed/sec	0.1 ~ 90°/sec
Preset Pan Speed/sec	380°/sec
Tilt Travel	-5° ~ 90°/95°
Manual Tilt Speed/sec	0.1 ~ 90°/sec
Preset Tilt Speed/sec	380°/sec
Proportional Pan & Tilt	Yes
Preset Accuracy	0.2°
Communication	RS-422/485, 8bit, 1bit stop No parity, 2.4 ~ 230Kbps
Preset	248 Position
Area title	24 Area Names
Privacy Zone	8 Blocks in a screen
Title Character	16 Character
Tour	8 Tour
Pattern	4(1 Full or 3, 240sec)
Auto Pan	16 Scan, 1 Auto Pan
Auto Flip	Digital Quick Turn
Alarm(Input/ Output)	8/2
Certifications	FCC CE Class A, UL/cUL
Warranty	2 Year Limited Warranty
Power	18 ~ 30VAC/Surge Protection 24VAC/40VA or 24DC/3A
Dimensions (OD x H)	Pendant Mount: 4.96" x 7.13" / Flush Mount: 4.96" x 3.15"