

## SPEED DOME CAMERA

# TDX-N33 / TDX-P33

## OUTDOOR SPEED DOME CAMERA



# IP67



### - FEATURES -

#### Fast & Silent Motion

- No accumulative error with preset function
- Shortest path by vector drive technology
- High accuracy with micro-stepping control technology
- Smooth motion at high zoom magnification mode
- Lightning speed (MAX. 360°/sec) & Smooth manual speed (MIN. 0.05°/sec)
- Lowest noise & Lowest vibration
- Endless 360°/sec Pan Rotation

#### Superior Zoom Camera

- x396 Zoom Control (Optical x33, Digital x12)
- TDN (True Day & Night - IR Cut Filter)
- DNR (Digital Noise Reduction)
- DSS (Digital Slow Scan)

#### Powerful Functions

- Independent preset characteristic setup (AE, WB and etc.)
- 128 Preset positions with alphanumeric labels
- 4 Pattern, 8 Swing and 8 Group functions
- 8 Privacy Zones (Spherical Coordinates)
- Auto flip, Auto parking, Power-up action
- On-screen display On/Off
- Built-in Sensor In/Out function (4 In / 2 Out)
- Built-in Fan & Heater / IP 67 Weatherproof
- Vandal-Proof (Dome Cover : PC / Housing & Accessories : AL)
- Network Function (Optional)



1/4 SONY  
SUPER HAD CCD



FILTER SWITCHING  
MECHANISM



DAY & NIGHT



DNR  
DIGITAL NOISE  
REDUCTION



AUTO IRIS



PRESET 128



X33 OPTICAL  
ZOOM LENS



IP 67



VANDAL PROOF



360° CONTINUOUS



AC 24V / DC 12V

### - MECHANISM SPECIFICATIONS -

TDX-N33, TDX-P33	
Range	Pan : 360°(Endless) / Tilt : 95°
Pan/Tilt Speed	Preset : 360°/sec Manual : 0.05°~360°/sec (Zoom Proportional) Swing : 1°~180°/sec
Preset	128 Presets with Labels
Patterns	4 Patterns (Approx. 5 Minutes for each pattern)
Swing	8 Swings
Group	8 Groups (MAX. 20 Entries for Each Pattern)
Other Functions	Auto Flip, Auto Parking, Power-up Action & etc
Communication	RS-485 / RS-232
Protocol	Pelco-D, Pelco-P Selectable
Privacy Zone	8 Zones
Sensor In / Out	4 Input / 2 Output
OSD	English On / Off
Pan / Heater	Built-In
Power	AC Type : AC 24V / 0.4A DC Type : DC 12V / 1.5A (Option)
Dimension	Dome : Ø150mm / 5.9"(Ø) Housing : 192(Ø) x 190.3(H)mm / 7.6"(Ø) x 7.5"(H)
Weight	Approx. 3kg / 6.6Lbs
Operating Temp	-30°C ~ 50°C / -22°F ~ 122°F

### - REMOTE CONTROLLER -



#### WTX-1200A (PTZ CONTROLLER)

\* Preset, Group, Tour, Swing, Pattern, Monitor Setting, Menu, Speed Control, Display, Interface convert.

### - CAMERA SPECIFICATIONS -

	TDX-N33	TDX-P33
Signal Format	NTSC	PAL
Image Sensor	1/4" SONY Super HAD CCD	
Effective Pixel	380K Pixels, 768(H) x 494(V)	440K Pixels, 752(H) x 582(V)
Horizontal Resolution	Color : 550TV Lines / BW : 680TV Lines	
Signal to Noise Ratio	50dB (AGC Off)	
Zoom	x33 Optical Zoom and x12 Digital Zoom	
Focal Length	F=3.5~115.5mm / f=1.6~3.6	
Angle of View	H : 55.5°(Wide)~1.77°(Tele) / V : 42.5°(Wide)~1.33°(Tele)	
Zoom Speed	2.2 sec. (Wide to Tele)	
Min. Illuminance	Color : 0.4Lux / BW : 0.02Lux (50 IRE, F1.6)	
Day & Night	AUTO / COLOR / BW (ICR)	
Focus	AUTO / MANUAL / SEMI-AUTO	
IRIS Control	AUTO / MANUAL	
AGC	LOW / MIDDLE / HIGH / MANUAL / OFF	
White Balance	AUTO / MANUAL	
BLC	BLC / HLC / OFF	
Electronic Shutter	AUTO / MANUAL / A.FLK (x256 ~ 1/120,000)	
Motion Detection	ON / OFF (Output via communication)	
DNR	LOW / MIDDLE / HIGH / OFF	
Privacy	ON / OFF (8 Zone)	

### - BRACKET -



Wall Mount Bracket  
(TDX-N33W, TDX-P33W)



Ceiling Mount Bracket  
(TDX-N33C, TDX-P33C)