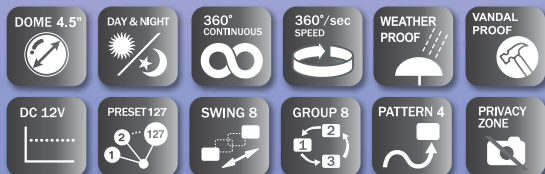


# Clebo ET Series

## Outdoor Speed Dome Camera



### Key Feature

#### 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. 0.25°/sec)
- Lowest Noise & Lowest Vibration
- Endless 360° Pan Rotation

#### Superior Zoom Camara

- X396 Zoom Control (Optical X33, Digital X12)
- X444 Zoom Control (Optical X37, Digital X12)
- Day & Night (IR Cut Filter)
- HLC (High Light Compensation)
- DIS (Digital Image Stabilization)
- SNR (Super Noise Reduction)

#### Powerful Functions

- Independent Preset Characteristic Setup (AE, WB and etc.)
- 127 Preset Positions with Alphanumeric Labels
- 4 Pattern, 8 Swing and 8 Group Functions
- 8 Privacy Zone (Spherical Coordinates)
- Auto Flip, Auto Parking, Power-up Action
- Frame Freeze Function
- On-Screen Display On/Off
- Small Size / Weatherproof Structure / IP67
- Vandal-Proof (Dome Cover : PC / Housing & Accessories : AL)

### Specification

Outdoor Speed Dome		
Camera	Clebo ET-33TP/TN	Clebo ET-37TP/TN
Image Device (CCD)	Sony 1/4" Double Density Interline Transfer CCD	
Effective Pixels	NTSC: 768(H)x494(V) 380K / PAL: 752(H)x582(V) 440K	
S/N Ratio	50 dB (AGC Off)	
Zoom	33x optical zoom & 12x Digital Zoom	37x optical zoom & 12x Digital Zoom
Zoom speed	2.2sec (Wide to Tele)	2.5sec (Wide to Tele)
Angle of view	H: 55.5° (Wide)~1.59 (Tele) / V: 42.5 (Wide)~1.19 (Tele)	
Focal length	F1.6~3.9, f=3.5~129.5mm	
Min. Illumination	0.4 Lux (Color) / 0.03 Lux (B/W), 50 IRE / F1.6	0.7 Lux (Color) / 0.06 Lux (B/W), 50 IRE / F1.6
Day & Night	Auto / Day / Night (IRC)	
Focus Range	Auto / Manual / Semi-Auto	
Iris	Auto / Manual	
Shutter Speed	x256 ~ 1/120000 sec	
AGC	Low / Middle / High / Manual / Off	
White Balance	Auto / Manual (Red, Blue Gain Adjustable)	
BLC	Low / Middle / High / Off	
Flickerless	Selectable	
Noise Reduction	Low / Middle / High / Off	
Privacy Mark	8 Masks with Spherical Coordinates	
Image stabilization	On / Off	
H.Resolution	550TV Line (Color) / 680 TV line (BW)	
<b>Pan/Tilt</b>		
Travel Range	Pan : 360° (Endless), Tilt : 90°	
Speed	Preset	360°/sec
	Jog	0.05 ~ 360°/sec (Proportional to Zoom)
	Swing	1~180°/sec
Preset	127 Presets	
Pattern	4 Patterns (1200 command/Pattern)	
Swing	8 Swings	
Group	8 Groups (20 Actions/Group)	
<b>Communication</b>		
Type	RS-485	
PTZ Protocol	Pelco-D, Pelco-P Selectable	
<b>Sensor/ Alarm</b>		
Sensor	3 Inputs, (Photo-Coupler Input)	
IP Reset Button	1Relay Outputs	
<b>Physical</b>		
Mount Accessory	Ø 150mm / 5.9"	
Dimension	Dome	Approx 3.8 Kgs
	Wall	Approx 3.2 Kgs
Weight	Ceiling	Aluminum
	Dome	DC12V, 3A
Material	Internal	IP67
	External	Always ON
Rated Power	Operation start from Internal Temperature 10°C	
Operation Temperature	-10°C ~ 50°C / 14°F ~ 122°F	

### Dimension&Accessory

