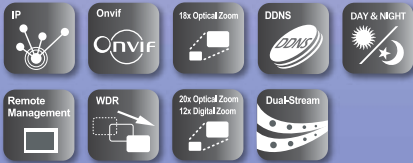


Clebo PM-10HT/20S

IP Megapixel / HD CCTV Speed Dome



About

Integrated with HD CCTV technology as well as IP, Clebo PM Megapixel cameras run fast, clear data streams through existing coaxial lines. Plug-and-play resolution upgrade, true HDTV live view, real PTZ control (no delay) and not packetable latency issues makes Trium's PM line a clear, reliable security upgrade.

Clebo PM-10HT

- 18X Optical Zoom
- Supports HDTV-720p (1280 x 720p)
- Support HD-SDI port
- Dual streaming

Clebo PM-20S

- 20X Optical Zoom/12X Digital Zoom
- Supports Full HDTV-1080p (1920 x 1080p)
- Support HD-SDI port
- Dual streaming

Specification

Camera	Clebo PM-10HT	Clebo PM-20S	
Image Device (CCD)	1/3" Solid State Progressive Scan CCD	1/3" CMOS sensor	
Effective Pixels	≈ 1.3M Pixel [1296(H) x 966(V)]	≈ 2M Pixel [1920(H) x 1080(V)]	
S/N Ratio	28 dB (IRcF Off)	More 50 Db	
Zoom	18x Optical Zoom	20x optical zoom & 12x Digital Zoom	
Zoom speed	3.5 sec (Wide to Tele)	1.6 sec (Wide to Tele)	
Angle of view	55.2°(Wide) ~ 3.2°(Tele)	55.4°(Wide) ~ 2.9°(Tele)	
Focal length	F=1.6~2.8 / f=4.7~84.6mm	F=1.6~3.5 / f=4.7~94mm	
Min. Illumination	*0.5 Lux (Color) / 0.02 Lux (B/W) @ 50 IRE & F1.6 & 1/4s & 28dB*	*0.5 Lux (Color) / 0.095 Lux (B/W) @ 50 IRE& F1.6 & 1/30s & 50dB*	
Day & Night (ICR)	Auto / Manual	Auto / Manual	
Focus Range	∞~0.01m(Wide), 1m(Tele)	10 mm (Wide), 800 mm(Tele)	
Iris	Auto / Manual (F1.6 ~ F34)	Auto / Manual (F1.6~ F14, Close)	
Shutter Speed	Auto / Manual (1/4 ~ 1/10,000sec)	Auto / Manual (1/1 ~ 1/10000sec)	
AGC	Auto / Manual (0 ~ 30dB)	Auto / Manual (-3~28dB)	
White Balance	Auto / Manual	Auto / Manual (Red, Blue Gain Adjustable)	
BLC	Auto / Manual, 256 Levels	On / Off	
WDR	On / Off	On / Off / Auto	
Picture Freeze	-	On / Off	
Noise Reduction	-	Off, 5 Levels	
Privacy Mark	8 Marks (Spherical Coordinate)	24 Marks (Spherical Coordinate)	
Video			
Standards	Main Stream : H.264HP/MPEG4SP/MJPEG, Secondary Stream : H.264HP / MPEG4SP		
Output	1 BNC (HD-SDI)	1 BNC (HD-SDI)	
Resolution	1280x720 ~ 192 x 144	1920 x 1080 ~ 320x176	
Frame Rate	1 ~ 30 fps		
Bit Rate	30 Kbps ~ 8 Mbps	300kbps ~ 8 Mbps	
Audio			
Algorithm	G.711		
Input	1 Line - In		
Output	1 Line - Out		
Sample Rate	G.711 : 8 KHz		
Network			
Interface	Ethernet 10/100 Base-T (RJ-45)		
Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, RTP, RTSP , ONVIF V1.02		
Pan/Tilt			
Travel Range	Pan : 360°(Endless), Tilt : 180°		
Speed	Preset	360°/sec	
	Jog	0.05 ~ 360°/sec (Proportional to Zoom)	
	Swing	1.41° ~ 180°/sec	
Preset	99 Presets	255 Presets	
Pattern	4 Patterns (760 command/Pattern)		
Swing	8 Swings		
Group	8 Groups (20 Actions/Group)		
Communication			
Type	RS-485		
PTZ Protocol	Pelco-D, Pelco-P Selectable		
Sensor/ Alarm			
Sensor	3 Inputs, Photo-Coupler Input		
Alarm	1 Relay Outputs, Max Load : DC24V 1A / AC125V 0.5A		
IP Reset Button	Yes		
Physical			
Mount Accessory	Wall Mount or Ceiling Mount, Sun-shield		
Dimension	Dome	ø150mm / 5.9"	
Weight	Wall	Approx 3.8 Kg	
	Ceiling	Approx 3.2 Kg	
Material	Dome	Polycarbonate	
	Internal	Polycarbonate, ABS	
	External		Aluminum
Rated Power	DC12V, 3A (36W)		
Waterproof	IP 67		
Fan	Always ON		
Heater	Operation start from Internal Temperature 10°C		
Operation Temperature	-30°C ~ 60°C / -22°F ~ 140°F		

Dimension&Accessory

