



# Clebo MPTZ5X

## x5 2.0M Full-HD IP PTZ Outdoor Flat Dome

Real-time High Definition Speed Dome Camera

Triple codec, Simultaneous Multi Streaming

Local SD Card Backup

Day & Night by ICR

Power over Ethernet

Vandal Proof Design

Aspheric Dome

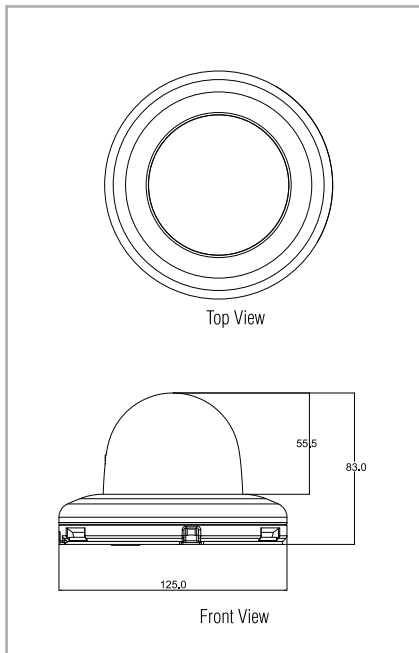
Auto Map Generation

Virtual Joystick on the Image



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## Demension



## Specification

Clebo MPTZ5X	
<b>VIDEO</b>	
Image Sensor	1/2.8 Sony 'Exmor' CMOS
Total Pixels	2000(H)X1241(V)
Effective Pixels	1920(H)X1080(V)
Resolution	1080p (2.1 Megapixels)
Scanning System	Progressive
Minimum Illumination @ 30IRE	Color : 2.8 Lux @ F3.5, 30 IRE/B/W : 0.9 Lux @ F3.5, 30 IRE
Minimum Illumination @ 50IRE	Color : 4.6 Lux @ F3.5, 50 IRE/B/W : 1.5 Lux @ F3.5, 50 IRE
IR LED & Range	N/A
LED Saturation	OK
S/N Ratio	More than 50 dB
Video Output	N/A
<b>LENS</b>	
Focal Length	5 ~ 25 mm
Max. Aperture Ratio	F3.5 ~ F3.7
Zoom	5x Optical, 12x Digital
Focus Control	Auto Focus
Lens Type	AF zoom lens
Mount Type	No Mount
Angle of View	H: 10.52° ~ 49.2°
Adjustment Range	Pan: 0°~355°, Tilt: 0°~90°, Rotate: 0°~350°
Pan / Tilt Speed	Preset : 120°/sec , Manual : MAX 120°/sec
Preset	255
Pattern	N/A
Group	8
Scan	8
<b>Camera Features</b>	
Wide Dynamic Range	True WDR
Dynamic Range dBs	100dB
Day / Night	True Day/Night (ICR), Color, B/W, External
Backlight Compensation	Off / BLC / HLC / WDR
Digital Noise Reduction	Low/Middle/High
Digital Slow Shutter	Off / 2x ~ 8x
White Balance	Auto, Auto-Ext. Indoor, Outdoor, Manual, One-Push*set-up*Mode
Auto White Balance Range	2,000 ~ 11,000K
Shutter Speed	1/30~1/60,000 sec.
Auto Gain Control	0dB ~ 41dB
Privacy Masking	16 Zones
Mirror / Flip	On / OFF
Defog	On / OFF
<b>Network</b>	
Video Compression Type	H.264 Profiles: High, main, Base MJPEGMpeg4: Simple profile
Streaming Capability	2 Profiles
Streaming Mode	Unicast / Multicast
Max. User Access	up to 6 users at Unicast Mode
Video Quality Adjustment	H.264: Quality, CBR(Bitrate Mode/Target Bitrate)MJPEG: Image Treaster
Audio Streaming	N/A
Audio Compression	N/A
Audio In / Out	N/A
Audio Control	Input Gain, Output Volume
Alarm In / Out	N/A
Alarm Triggers	Off, Always, Activation Schedule
Alarm Action	Notification via Email or Onvif or RTP metadata
Local Storage ( Micro SD / MicroSDHC up to 32GB class10 )	Support "Network Loss Emergency Recording" and "Remote Backup" per schedule(Continuous, Motion )Pre/ motion post/ post alarm recording(5sec.)
Supported Protocols	IPv4/IPv6, TCP/IP, RTP Multicast, HTTP, DHCP, PPPoE, ICMP, ARP, RARP, RTSP, NTP, SNMP, SMTP, FTP, UPnP, DNS, DDNS
Security	HTTP Login Authentication (unique or public certificate), IP Address Filtering
ONVIF Conformance	Profile S
Web Viewer	Supported OS: Windows XP, Vista, 7, MAC OS Supported Browser: Internet Explorer 7.0 or higher, Chrome, Firefox, Safari
Mobile Viewer	TBD
CMS/VMS	TBD
<b>General</b>	
Input Voltage	12vDC / PoE (802.3af class 0 Max. 12.94W)
Power Consumption (W)	5.65W(Idle) / 8.65W (Operating)
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)
Active/Passive Cooling	Active
Rated Amperage	470mA (Idle)/ 720mA (Operating)
IP Rating	IP66
Dimensions	H: 83mm W: 125mm
Weight	60 g
Approvals	FCC, CE, ROHS

\*Specification &amp; Design are subject to change without prior notice

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