

2MP Outdoor PTZ Camera

COS212DRB1X

VISION

Features

- 1/2.8" 2MP progressive scan CMOS
- Up to 1920 x 1080@30fps resolution
- 20X optical zoom
- Up to 150m smart IR distance
- IP66 ingress protection
- High Efficiency Video Coding (H.265)
- Smart TM 1.0 (Thermal Management)
- Lightning Protection



Specifications

Camera	
Image Sensor	1/28 " Progressive CMOS
White Balance	Auto/Manual/ATW (Auto WB)/Indoor/Outdoor/ Fluorescent Lamp/Sodium Lamp
Min. Illumination	Color: 0.005 lux @F1.6, AGC ON B/W: 0.001lux @F1.6, AGC ON 0 lux with IR
Electronic Shutter	50Hz: 1 / 1 s ~ 1 / 25, 000 s; 60Hz: 1 / 1 s ~ 1 / 30, 000 s
Focal Length	5.5 ~ 110 mm
Lens	20 x Zoom, f = 5.5 ~ 110 mm, F1.6 ~ F3.5
Zoom Speed	Approx. 3.5s (optical lens, Wide-TELE)
Field of View	Horizontal field of view: 52.01° to 1.78° (Wide-TELE) Vertical field of view: 29.30° to 3.15° (Wide-TELE) Diagonal field of view: 59.79° to 3.62° (Wide-TELE)
Working Distance	Wide:1.0m~INF Tele: 1.5m~INF
Aperture Range	F1.6 (Wide) to F3.5 (TELE)
S/N Ratio	More than 50dB
Day/Night	IR Cut Filter
Focus Mode	Auto/Manual
Wide Dynamic Range True WDR, 2 frames in one	

Image	
Resolution	1920×1080 (2MP)
Main Stream	60Hz:30fps(1920×1080, 1280×720)
Sub Stream	60Hz:30fps(1280×720, D1, CIF)
Third Stream	60Hz:30fps(D1, 480×240, CIF)
Video Compression	H.265/H.264/MJPEG
Bit Rate	128Kbps ~ 6Mbps
Image Settings	WDR/HLC/BLC/3D DNR/Defog/Regional Exposure/ Regional Focus

PTZ	
Pan Range	360° endless rotation
Pan Speed	Configurable, from 0.5°/s to 80°/s; Preset speed: 80°/s
Tilt Range	From -5 to 90 (auto-flip)
Tilt Speed	Configurable, from 0.5°/s to 80°/s; Preset speed: 80°/s
Preset	360
Trace	4 traces, record time over 3 minutes for each trace
Action Mode	Preset/Cruise/Trace/Auto Scan/Random Scan
Schedule Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning/Dome Reboot

Interfaces	
Network	1 RJ45 10M/100M Ethernet, PoE (802.3at, class4)
Network	
User/Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Remote Monitoring	Web browser, VMS
Simultaneous Live View	Up to 6 channels
Network Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Interface Protocol	ONVIF
Storage	Built-in micro SD card slot, up to 128GB

Miscellaneous	
Power Supply	12V and PoE (802.3at, class 4); 42.5 to 57 VDC, 0.6A, Class4
Power Consumption	Max.18W, including max.7W for IR
IR Distance	150m
Ingress Protection	IP66
Lightning Protection	IP 66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Operating Environment	Temperature: -30°C~55°C Humidity: less than 90%
Dimensions	Ø 173mm x 247mm
Weight	2.1Kg (4.63lb)

Ordering Information	
COS212DRB1X	2MP Outdoor PTZ Camera

Accessories	
PTM-501	Corner-mount adaptor
PTM-503	Pole-mount adaptor
PTM-504	Pendant-mount

Make the Intelligent Choice

For more information about PMT Security products, view demonstrations, or to discuss your company's needs contact the PMT Security team at **727-786-1900**.