



2MP NETWORK IR SPEED DOME CAMERA

2MP 20x IR NETWORK SPEED DOME, 12V&PoE

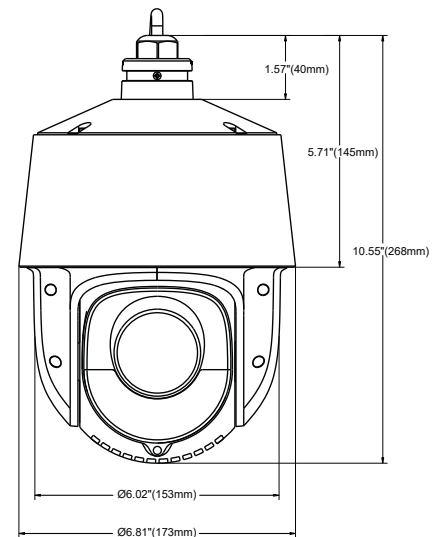
Featuring powerful optical zoom and accurate pan/tilt/zoom performance, the camera provides a wide monitoring range and great detail. The camera delivers 2MP full high definition resolution at 25/30fps. The camera is equipped with smooth control, high quality image, and good protection, meeting compact size demands of video surveillance applications.

FUNCTIONS

- High Efficiency Video Coding (H.265)
- Smart IR (2.0)
- 1/2.8" 2MP Progressive Scan CMOS
- Up to 1920 x 1080@30fps Resolution
- Min. illumination: Color: 0.005 Lux@(F1.6, AGC ON) / B/W: 0.001 Lux@(F1.6, AGC ON) / 0 Lux with IR
- 20x Optical Zoom, 16x Digital Zoom
- WDR, HLC, BLC, 3D DNR, Defog
- Up to 150m smart IR distance
- PoE (802.3 at class 4)
- Support H.265+/H.265 Video Compression
- Smart TM 1.0 (Thermal Management)
- Superior Image Quality
- Working Environment and Interoperability

DIMENSIONS

Unit : inch (mm)



OPTIONAL ACCESSORIES



AVM-PT-WMT-N20
WALL MOUNT



AVM-PT-CMT-N20
CEILING MOUNT



AVM-PT-RMT-N20
IN-CEILING MOUNT



AVM-P-PMT
POLE MOUNT



AVM-P-CMT
CORNER MOUNT



AVC-PHN21X20L
2MP 20X NETWORK IR SPEED DOME CAMERA

SPECIFICATIONS

CAMERA	
Image Sensor	1 / 2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.006 lux @F1.6, AGC ON, B/W: 0.003lux @F1.6, AGC ON, 0 lux with IR
White Balance	Auto/Manual/ATW (Auto-tracking WB)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
S/N ratio	More than 50dB
Gain	Auto/Manual
Shutter Time	50Hz: 1/1s ~ 1/25,000s; 60Hz: 1/1 s ~ 1/30,000s
Day&Night	IR Cut Filter
Privacy Mask	4 Programmable Privacy Masks
Focus Mode	Auto/Manual
WDR	True WDR, 2 Frames in One
LENS	
Focal Length	0.2"-4.3"(5.5-110mm) 20x Optical Zoom
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)
IR	
IR Distance	192ft (150m)
Smart IR	Support
PTZ	
Pan Range	360° Endless
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
Proportional Zoom	Support
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Trace	4 traces, record time over 3 minutes for each trace
Power-off Memory	Support
Action Mode	Preset/Cruise/Trace/Auto Scan/Random Scan
3D Positioning	Support
PTZ Position Display	Support
Scheduled Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning/Dome Reboot
COMPRESSION STANDARD	
Video Compression	H.265 / H.264 / MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	128Kbps ~ 6Mbps
SVC	Support
SMART FEATURES	
Basic Event	Motion Detection, Video Tampering Detection, Exception
Smart Event	Object Removal Detection, Intrusion Detection, Line Crossing Detection, People Intrusion and People Counting
Smart Record	ANR (Automatic Network Replenishment)
IMAGE	
Max. Resolution	1920×1080
Main Stream	50Hz:25fps(1920 1080, 1280 720)/ 60Hz:30fps(1920×1080, 1280×720)
Sub Stream	50Hz:25fps(1280×720, D1, CIF)/ 60Hz:30fps(1280×720, D1, CIF)
Third Stream	50Hz:25fps(D1, 480×240, CIF)/ 60Hz:30fps(D1, 480×240, CIF)
Image Enhancement	WDR/HLC/BLC/3D DNR/Defog/Regional Exposure/Regional Focus
NETWORK	
Network Storage	Built-in micro SD card slot, up to 128GB
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
API	ONVIF, Support TVT API and Third-Party Management Platform
Simultaneous Live View	Up to 6 channels
User/Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
Client	VMS-9000 Client
Web Browser	IE8-11, Chrome 31.0 to 44, Firefox 30.0 to 51
INTERFACE	
Network Interface	1 RJ45 10M/100M Ethernet, PoE (802.3at, class4)
IMAGE	
Power	12VDC, 2.0A and PoE (802.3at, class 4); 42.5 to57 VDC, 0.6A, Class4 Max.18W, including max.7W for IR
Working Environment	-30°C~55°C(-22°F~131°F), ≤ 90% RH
Protection Level	IP 66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC12, PC, PC+10%GF
Dimensions	Φ6.8" × 9.7"(Φ 173mm × 247mm)
Weight	Approx. 2.1KG (4.63lb)
DORI	
Definition	Detect: 25 px/m, Observe: 63 px/m, Recognize:125 px/m, Identify: 250 px/m
Distance(Tele)	Detect: 5240ft (1600m), Observe: 2083ft (635m), Recognize: 1050ft (320m), Identify: 525ft (160m)



275 Puuhale Road Honolulu, Hawaii 96819
 www.starcommwireless.com

845-7827

