

## 2MP 44X Network Ultra low light IR Speed Dome



### Functions

- 1920x1080 ( Full HD )Resolution
- Ultra low illumination
- Wide movement range
- 44X optical zoom, 16X digital zoom
- High Power IR Up to 250M
- High Fram Rate up to 60fps
- True Day/Night, WDR, 3D DNR, Defog
- 3D intelligent positioning
- Audio/Alarm I/O
- Video Analytics
- Low Bit Rate / ROI
- IP67 / Vandal Proof
- Onvif , CGI , PSIA Support
- Built-in Memory slot, up to 256 GB
- Internal Surge protection

Model	<b>MNA-SP2DF-44IR250</b>
	<b>2MP 44X Network ultra low light IR Speed Dome</b>
<b>Camera</b>	
Image Sensor	1/2.8" HD CMOS sensor
Min. Illumination	Color : 0.001 lux (F1.6, 1/1 sec, 50 IRE, AGC On) B/W : 0.0001 lux (F1.6, 1/1 sec, 50 IRE, AGC On)
Day & Night	ICR
Focus Mode	Auto / Semiautomatic / Manual
Shutter Time	50Hz: 1/1-1/30,000s; 60Hz: 1/1-1/30,000s
S / N Ratio	>52dB
Digital Zoom	16X
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual
<b>Lens</b>	
Focal Length	5.7-251 mm, 44x
Angle of View	60.6° ~ 1.6° degree (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
<b>Image</b>	
Main Stream	50Hz:50fps(1920x1080), 50fps(1280x960), 50fps(1280x720) 60Hz:60fps(1920x1080), 60fps(1280x960), 60fps(1280x720)
Sub Stream	50Hz:25fps(704x576), 25fps(352x288), 25fps(176x144) 60Hz:30fps(704x480), 30fps(352x240), 30fps(176x120)
Third Stream:	50Hz: 25fps(704x576, 640x480, 352x288); 60Hz: 30fps(704x480, 640x480, 352x240)
WDR	120db
Image Compression	H265 Plus/H.264(Baseline, Main, High Profile)/MJPEG/MPEG4
Audio Compression	G722.1/G.711ulaw/G.711alaw/MP2L2/G.726
SVC	Support
ROI	Support 2 areas with adjustable levels
Protocols	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP, DNS,DDNS,NTP,RTSP,RTP,TCP,UDP,IGMP,ICMP,DHCP,PPPoE
Standard	ONVIF, PSIA, CGI
Others	Defog, EIS, Privacy Mask, 3D DNR, BLC, HLC
<b>Pan &amp; Tilt</b>	
Movement Range	Pan: 360° endless, -5°-90°(Auto Flip)
Movement Speed	Pan Preset Speed: 500°/s / Tilt Preset Speed: 400°/s
Number of Preset	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
Power-off Memory	Support
Park	Support
Proportional Zoom	Support
PTZ Position Display	On / Off
<b>System Integration</b>	
3D Positioning	Support
Preset Freezing	Support
Scheduled Task	Support
Alarm I/O	7 alarm inputs, 2 alarm outputs, alarm linkage
Alarm Dtection	Smart-tracking ,Intrusion detection, Line crossing detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Audio I/O	1/1
Ethernet	10Base-T / 100Base-TX, RJ45 connector
CVBS Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
RS485	Half duplex, Pelco-P, Pelco-D, self-adaptive
Onboard Storage	Built-in Micro SD/SDXC card slot, up to 256 GB edge recording
IR	Up to 250M, Adjustable by zoom
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
Wiper	Yes (Option)
<b>General</b>	
Power	AC24V, HI-POE+ Max. 56W
Working Temperature / Humidity	-40 - + 70 - 90% or less
Protection Level	IP67 IK10 TVS 6,000V lightning protection, surge protection and voltage transient protection Fan - Heater
Dimensions(mm)	Φ266.6(mm)×365.2(mm)
Weight (approx.)	12 kg