

Dual Thermal & Visible Camera



Functions:

- Dual Thermal & Visible Sensor
- Ultra low illumination
- Vari Focal Lens (11-40)
- Fixed (25/50)mm Germanium Lens
- Approx. 120 meters IR range
- True Day/Night , 3D DNR, Defog
- Wide Dynamic Rang (120 dB)
- Audio/Alarm I/O
- Video Analytics
- Low Bit Rate / ROI
- IP66
- Onvif , CGI , PSIA Support
- Built-in Memory slot, up to 64GB
- 24VAC±10%

MNA-BL2TH-(25)(50)

Dual Thermal & Visible Camera

Camera

Image Sensor	1920×1080 (visible light) 1/1.8 HD Sensor , 384×288 (thermal) Vanadium Oxide Uncooled Focal Plane Detectors	
Day & Night	ICR, schedule	
Min. Illumination	Ultra Low Light	Color : 0.002 lux (F1.6, 1/1 sec, 50 IRE, AGC On) B/W : 0.0002 lux (F1.6, 1/1 sec, 50 IRE, AGC On),
Shutter Time	50Hz: 1/1-1/30,000s; 60Hz: 1/1-1/30,000s	
S / N Ratio	>52dB	
Audio Compression	G.711/G.722/G.726	
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp	
AGC	Auto / Manual	

Lens

Focal Length	Thermal 25 or 50 mm / Visible (11-40) mm
Focus Mode	Manual
Iris	Auto / Manual

Image

Main Stream	50Hz:25fps(1920×1080), 25fps(1280×960), 25fps(1280×720) (visible light) 60Hz:30fps(1920×1080), 30fps(1280×960), 30fps(1280×720) (visible light) 50Hz:25fps(384×288) (thermal)
Sub Stream	50Hz:25fps(704×576), 25fps(352×288), 25fps(176×144) 60Hz:30fps(704×480), 30fps(352×240), 30fps(176×120) 50Hz:25fps(160×120) (thermal)
Back Light	BLC, WDR (120 db)
Image Compression	H.264 Plus / H264 / MJPEG
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 (S,G), PSIA, CGI
Others	Defog, EIS, Privacy Mask, 3D DNR,

System Integration

IR Range	Approx. 120 meters ,Smart,Built in Temperature conditioner
Alarm I/O	1 alarm inputs, 1 alarm outputs, alarm linkage (option) Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage full , Storage error ,Video analytics (line crossing ,intrusion detection,Region Entrance,Region Exiting,Unattended Baggage,Object Removal,Audio High/Low Detection.)
Alarm Dtection & VCA	
Audio I/O	1/1
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Onboard Storage	Built-in Micro SD/SDXC card slot, up to 64 GB edge recording
Network Storage	NAS/ANR
Number of Simultaneous Live View	Up to 10
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User

General

Power	AC24V, 40W max,
Working Temperature / Humidity	-40 - +65, 90% or less
Protection Level	IP66
Power Consumption	Max. 40W
Dimensions(mm)	Φ 140 × 99.9 mm (Φ 5.51" × 3.94")
Standard	EN ,RCII Iran standard
Weight (approx.)	7 kg

Thermal Module

Sensor	Vanadium Oxide Uncooled Focal Plane	
	Detectors	
Max. Resolution	384 × 288	
Response waveband	8~14μm	
NETD	< 50mk(@25°C,F#=1.0)	
Reference	Human:1.8mx0.5m	Vehicle: 1.4mx4.0m
Lens (focal length)	25mm	50mm
Lens (Visible Light)	11-40mm	
MRTD	1.0	0.5
Detection range (Vehicles)	1533m	3067m
Detection range (Humans)	500m	1000m
Recognition range (Vehicles)	383m	767m
Recognition range (Humans)	125m	250m
Identification range (Vehicles)	192m	383m
Identification range (Humans)	63m	125m
Field angle	21.7°x16.4°	11.0°x8.2°
F number	1.0	1.0
Power-off memory	Support	
Image Setting	Brightness, AGC, DDE, FFC adjustable via client software or web browser	
Color Palette	White Hot, Black Hot, Fusion1, Rainbow, Fusion2, Ironbow1, Ironbow2, Sepia, Color1, Color2, Ice Fire, Rain, Red Hot, Green Hot	