

NOAM-FHD640-40

Dual Sensor PTZ Platform

OVERVIEW

NOAM is a mini day and LWIR camera. It integrates a x36 Day sensor with a high resolution 640 Uncooled LWIR sensor.

MAIN FEATURES

Uncooled Amorphous Silicon FPA, resolution: 640X480;
 1/2.8" CMOS color visual camera, 2.13MP;;
 Dual HD-SDI / Analog outputs for color visual camera and thermal imaging camera;
 Dual H.264 output for color visual camera and thermal imaging camera;
 Wide Dynamic Range (WDR);
 Day/night (ICR);
 Soft PTZ address, self-adaption of protocol and baud rate;
 10.8~32V wide range voltage input;
 Waterproof : IP67;



Thermal Imaging Camera	
Sensor Type	Uncooled Amorphous Silicon FPA
Working Band	8μm~14μm
Resolutions	640 x 480
Sensor Size	17μm
NETD(300K)	≤60mk
Focal Length	40mm
FOV	15.5 x 11.6°
Detecting Range	Small Vessel: 3500m Person in the water: 1170m
Recognition Range	Small Vessel: 880m Person in the water: 290m
Image Enhancement	Support
Video Display	Black Hot / White Hot / Color Palettes
Digital Zoom	1X, 2X, 4X
Daylight Imaging Camera	
Video Sensor	1/2.8" SONY "Exmor" CMOS , 2.13MP
Zoom	Optical: 30X, Digital: 12X
Lens	f=4.3mm ~ 129mm, F1.6 ~ F4.7
View Angle	63.7°(wide) ~ 2.3°(tele)
Min Illumination	Color: 0.0013Lux, B/W: 0.0008lux
S/N Ratio	Not less than 50 dB
WDR	On/Off
DNR	1 ~ 5 Steps / Off

PTZ

Pan Range	360°Continuous
Pan Speed	Control speed: 0.04° ~ 100°/s; Preset speed: 100°/s
Tilt Range	-15°~90°(Auto Flip)
Tilt Speed	Control speed: 0.04° ~ 90°/s, adjustable; Preset speed: 90°/s
Preset No	256
Preset Precision	±0.2°
Digital Stabilization	Single Axis Vertical stabilization

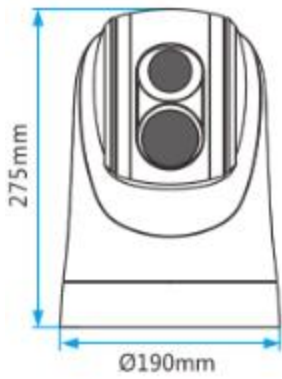
Network

Resolution	Max 1920X1080@30fps
Video Compression	H.264
Network Protocol	HTTP, RTSP, TCP, UDP, ONVIF
Dual Stream	Support

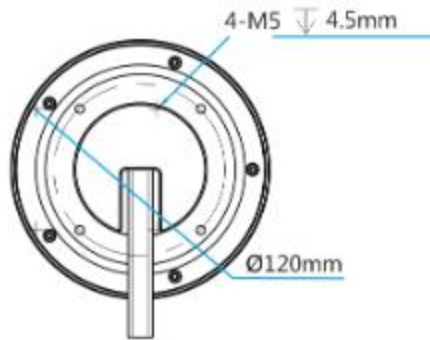
General

Comm. Interface	RS-485
Video Output	Dual CVBS output, F-type connector
Network Interface	10M/100M Ethernet
Protocol	Pelco-D
Baud Rate	4800bps
Power	DC10.8-28V, 35W
Work Temperature	-25°C ~ +55°C
IP Index	IP66
Dimension	Φ190(mm) x 275(mm)
Weight	6.3±0.1Kg

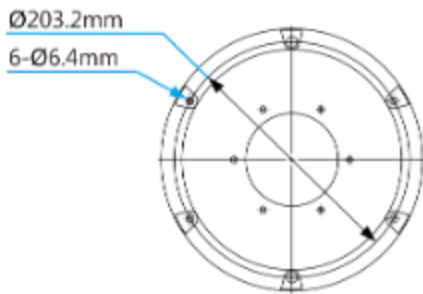
DIMENSIONS, mm



Front View



Bottom View



Mounting Plate