

LM-2387



2 x 4MP Network Red/Blue Strobe Stitched Turret Camera

- 180° Stitched Multi-Sensor
- 2.8 mm Lens • Dual-Illumination — IR and White-Light LEDs
- Video Content Analytics: Line Crossing and Intrusion
- IP67 Rating

SPECIFICATIONS

MODEL NUMBER	LM-2387
IMAGE SENSOR	1/2.7-IN. 4MP PROGRESSIVE CMOS
MAXIMUM RESOLUTION	4096 × 1860
MINIMUM ILLUMINATION	COLOR: 0.002 LUX AT F1.4 BLACK/WHITE: 0.0002 LUX AT F1.4 0 LUX WITH IR LIGHT ON
NUMBER OF ILLUMINATORS	IR: TWO (2) WHITE LIGHT: TWO (2)
ILLUMINATOR CONTROL	AUTOMATIC, MANUAL
MAXIMUM ILLUMINATION DISTANCE	IR: UP TO 25.0 M (82.0 FT) WHITE LIGHT: UP TO 20.0 M (66.0 FT)
ELECTRONIC SHUTTER SPEED	AUTOMATIC, MANUAL 1/3 S TO 1/100,000 S
INSTALLATION ANGLE	PAN: 0° TO 360° TILT: 0° TO 77° ROTATION: 0° TO 360°

LENS

IRIS TYPE	FIXED
LENS TYPE	FIXED
FOCAL LENGTH	2.8 MM
MAXIMUM APERTURE	F1.4
FIELD OF VIEW	HORIZONTAL: 180° VERTICAL: 86
CLOSE FOCUS RANGE	0.8 M (2.6 FT)
DORI DISTANCE	DETECT: 50.6 M (166.0 FT) OBSERVE: 20.2 M (66.3 FT) RECOGNIZE: 10.1 M (33.1 FT) IDENTIFY: 5.1 M (16.7 FT)

ANALYTICS

VIDEO CONTENT ANALYTICS	LINE CROSSING, INTRUSION, LOITERING DETECTION
INTELLIGENT MOTION DETECTION	SUPPORTED WITH ALARMS FOR VEHICLES AND HUMANS
SMART SENSE	ELECTRONICALLY ZOOM AND TRACK MULTIPLE HUMANS/VEHICLES AND TRIGGER ALARMS AUTOMATICALLY

AUDIO

COMPRESSION	G.711A, G.711MU, PCM
INTERFACE	INPUT: BUILT-IN DUAL MICROPHONES AND ONE (1) RCA PORT OUTPUT: BUILT-IN SPEAKER AND ONE (1) RCA PORT

NETWORK

INTERFACE	RJ-45 (10/100 BASE-T)
PROTOCOL	PV4, IPV6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, UPNP, AUTO REGISTRATION, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, MULTICAST, NFS
INTEROPERABILITY	ONVIF (PROFILE S/G/T), CGI
BROWSER	CHROME, FIREFOX, EDGE
STORAGE	FTP, SFTP, MICRO SD CARD (MAX. 256 GB)

CONSTRUCTION

NET WEIGHT	1.0 kg (2.2 lb)
GROSS WEIGHT	1.3 kg (2.8 lb)
OPERATING TEMPERATURE	-40 to 60 °C (-40 to 140 °F) < 95% RH (Non-Condensing)
STORAGE TEMPERATURE	-40 to 60 °C (-40 to 140 °F)
PROTECTION RATINGS	IP67
PRODUCT DIMENSIONS	140.6 mm × Φ 142.5 mm (5.5 in. × Φ 5.6 in.)
MATERIAL	Metal



VIDEO

COMPRESSION	SMART ENCODING H.265+, H.265, SMART ENCODING H.264+, H.264, MJPEG (SUB STREAM ONLY)
STANDARD CODEC	SUPPORTED
STREAM CAPABILITY	THREE (3) STREAMS
RESOLUTION	8MP (4096 × 1860), 6MP (3632 X 1632), 4MP (3040 X 1368), 1.6MP (1920 X 860), 1200 X 530, 960 X 432
MAXIMUM FRAME RATE	MAIN STREAM: 4096 × 1860 AT 20 FPS SUB STREAM 1: 1200 × 530 AT 20 FPS SUB STREAM 2: 1920 × 1080 AT 20 FPS
VIDEO BIT RATE	H.264: 6 TO 16384 KBPS H.265: 6 TO 16384 KBPS
BIT RATE CONTROL	CBR/VBR
LIGHT BALANCING	WIDE DYNAMIC RANGE (120 DB)
NOISE REDUCTION	3D NR
DAY/NIGHT	AUTOMATIC (ICR), COLOR, BLACK AND WHITE
IMAGE ANGLE	0°/90°/180°/270°
MIRROR ROTATION	SUPPORTED
REGION OF INTEREST	FOUR (4) ZONES
PRIVACY MASKING	FOUR (4) ZONES

ALARM

EVENT	NO SD CARD, DISK FULL, SD CARD ERROR, OFFLINE, IP CONFLICT, ILLEGAL ACCESS, MOTION DETECTION, VIDEO TAMPERING, VOLTAGE DETECTION, SECURITY EXCEPTION, LINE CROSSING, INTRUSION, SCENE CHANGING, AUDIO DETECTION, EXTERNAL ALARM
INTERFACE	INPUT: ONE (1) CHANNEL (3V-5VDC, 5 MA) OUTPUT: ONE (1) CHANNEL (12 VDC, 300 MA)

ELECTRICAL

POWER SUPPLY	12 VDC, POE (802.3AF)
POWER CONSUMPTION	12 VDC: MAXIMUM: 8.7 W, NORMAL: 4.0 W, POE: MAXIMUM: 10.9 W, NORMAL: 5.0 W

CERTIFICATIONS AND COMPLIANCE

CERTIFICATIONS	FCC, IC
COMPLIANCE	NDA

MOUNTS

ELECTRICAL BOX	HTH-280NJ-J04
WALL MOUNT	HTH-273NJ-140B
POLE	HTH-271NJ-140