

THERMAL & OPTICAL BI-SPECTRUM NETWORK BULLET CAMERA

IP4B-DLTH-RBD-NL



FEATURES

-  Thermal & Optical dual-spectrum imaging with dual video over a single IP address, adaptable to a wide range of scenes
-  1/2.8" high-sensitivity starlight sensor for clear color imaging in near-total darkness
-  Thermal module supports reliable fire detection, smoke detection, and fire shield area monitoring
-  Temperature detection with cold/hot spot tracking highlights abnormal temperatures and links to alarm
-  Thermal & Optical dual-spectrum smart intrusion prevention: cross line, enter area, leave area, intrusion
-  Optical module supports smog recognition to help reconfirm fire alarms
-  Picture-in-picture mode for real-time side-by-side contrast, clearer at a glance
-  Audio and light alarm support, with built-in red and blue warning lights
-  MicroSD storage up to 512GB, plus 2-ch alarm in/out and 1-ch audio in/out

SPECIFICATIONS

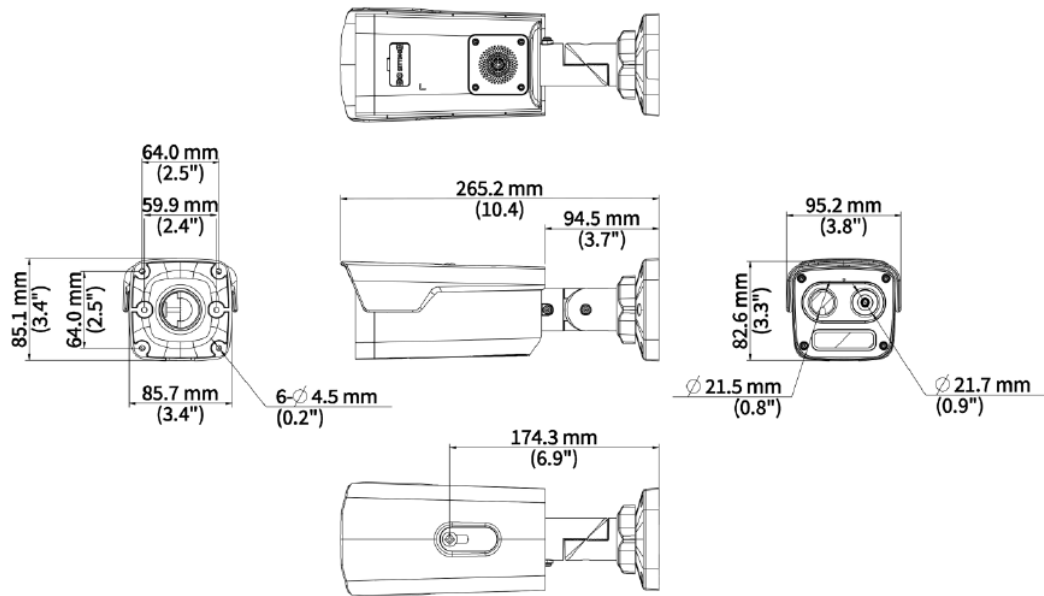
Specification	Optical	Thermal
CAMERA		
Original Resolution	N/A	256 x 192
Sensor	1/2.8" CMOS	Vanadium oxide uncooled focal plane array
Min. Illumination	Color: 0.003 lux; B/W: 0.002 lux (F1.6, AGC ON); 0 lux with IR	N/A
Day/Night	IR-cut filter with auto switch (ICR)	N/A
NETD / Pixel Size	N/A	<50mk@F1.0@25C / 12um
Shutter	Auto/Manual, 1 to 1/100000s	Auto/Manual, 1 to 1/100000s
WDR / S/N	120dB / >56dB	120dB / >56dB
LENS		
Focal Length	4mm	3.2mm
Iris	F1.6	F1.0
Field of View (H/V/D)	74.9 / 44.4 / 97.4	58.0 / 42.5 / 72.0
DORI & ILLUMINATOR		
DORI Distance (Detect/Observe/Recognize/Identify)	90.0m / 36.0m / 18.0m / 9.0m	N/A
IR Illuminator (Wavelength / Distance)	750nm / 40m, Auto/Manual	N/A
VIDEO & IMAGE		
Frame Rate	4MP (2688x1520), max 30fps	960P (1280x960), max 30fps
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Video Bit Rate	128 Kbps to 16 Mbps	128 Kbps to 16 Mbps
Video Stream	Triple streams	Triple streams
Privacy Mask	Up to 8 areas (blacks/mosaics)	N/A
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2	N/A
Digital Noise Reduction	2D/3D DNR	2D/3D DNR
Palette	N/A	16 palettes incl. white hot, black hot, rainbow, iron oxide red

Specification	Optical	Thermal
INTELLIGENT		
Smart Intrusion Prevention	Cross line, intrusion, enter/leave area (human, non-motor vehicle, vehicle)	Cross line, intrusion, enter/leave area (human, vehicle)
Smoke / Fire Detection	Smoke detection: support	Fire detection: support
Temperature Measurement	N/A	Accuracy +/-8C or 8%; range -20C to 150C or 100C to 550C
AUDIO, STORAGE & NETWORK		
Audio	G.711U/A, 128Kbps, two-way, 16KHz	G.711U/A, 128Kbps, two-way, 16KHz
Storage	MicroSD up to 512GB; ANR network storage	MicroSD up to 512GB; ANR network storage
Protocols	IPv4/IPv6, TCP/UDP, HTTP/HTTPS, RTSP, ONVIF (S/G/T), SNMP, SSL/TLS	IPv4/IPv6, TCP/UDP, HTTP/HTTPS, RTSP, ONVIF (S/G/T), SNMP, SSL/TLS
Users / Client	Up to 32 users; EZStation, UNV-Link, UNV-Link Pro	Up to 32 users; EZStation, UNV-Link, UNV-Link Pro
INTERFACE		
Built-in Mic / Speaker	Support / Support	Support / Support
Audio I/O	1 in, 1 out	1 in, 1 out
Alarm I/O	2 in, 2 out	2 in, 2 out
Serial Port / Network	1x RS485 / 1x RJ45 10M/100M	1x RS485 / 1x RJ45 10M/100M
Video Output	N/A	1x BNC (for debugging)
GENERAL		
Power	DC12V (+/-25%), PoE (IEEE802.3af)	DC12V (+/-25%), PoE (IEEE802.3af)
Power Consumption	Max 12W	Max 12W
Dimensions (L x W x H)	269.1 x 95.7 x 85.4mm (10.6" x 3.75" x 3.36")	269.1 x 95.7 x 85.4mm (10.6" x 3.75" x 3.36")
Weight	0.95kg (2.1lb)	0.95kg (2.1lb)
Working Environment	-40C to 70C, <=95% RH non-condensing	-40C to 70C, <=95% RH non-condensing
Protection / Surge	IP67; 6KV surge protection	IP67; 6KV surge protection

Specification	Optical	Thermal
Certification	CE, FCC, UL, RoHS, WEEE	CE, FCC, UL, RoHS, WEEE

DIMENSIONS

Mechanical dimensions of the IP4B-DLTH-RBD-NL bullet camera and mounting bracket.





The United States government passed the John S. McCain National Defense Authorization Act for the 2019 fiscal year on August 13, 2018 (NDAA 2019). This act specifies the budget, expenditures and policies of the United States Department of Defense, and prohibits the purchase and use of specific electronic security products manufactured and supplied by specific companies based in China.

We are aware of the NDAA and abide by the stipulations set forth in this regulation. Illumivue is always committed to providing products of the highest standards while ensuring compliance with project requirements.

Our goal is to continue providing only the best equipment we can. Safety and security are our top priority, and we sincerely appreciate all partners' support and patience.

WARRANTY

All Illumivue products come with a 3-year limited liability warranty covering parts and labor repairs on components found defective in material or workmanship under normal use. This warranty does not apply to products that have been abused, modified, or disassembled, and is honored only through authorized resellers — not through non-authorized online sellers.

Products that fail under conditions outside this coverage will be repaired at the current price of parts and labor. Repairs are warranted for 90 days from the date of reshipment to the buyer. Units delivered by mail travel at the customer's risk unless insured. No unit will be accepted without a return authorization number, and proof of sale may be required to claim warranty.