

AI Sports 16MP LightHunter IR 180° Panoramic Network Camera WJT-GT-MOV-CAM@16



Features

- 180° panoramic imaging, capturing the entire court/field
- Supports 5-a-side to 8-a-side football live streaming, with human and ball action close-up capture, perfectly presenting exciting moments
- Supports basketball live streaming, with human and ball action close-up capture, perfectly presenting exciting moments
- AI hot spot automatic tracking and camera movement, no manual maintenance required, high-efficiency event live streaming
- Up to 2K (2688×1520) ultra HD live streaming, supports video stream pushing
- Built-in LightHunter 2.0 image processing engine, significantly enhances night low-light performance through deep learning image algorithms
- Supports privacy mask, blocking irrelevant information on the field, focusing on live streaming
- IP67 protection design, long-term outdoor operation without additional protection
- PoE technology, a single network cable completes video stream transmission and power supply, no additional wiring needed
- Supports loop-through power output, simplifying on-site wiring

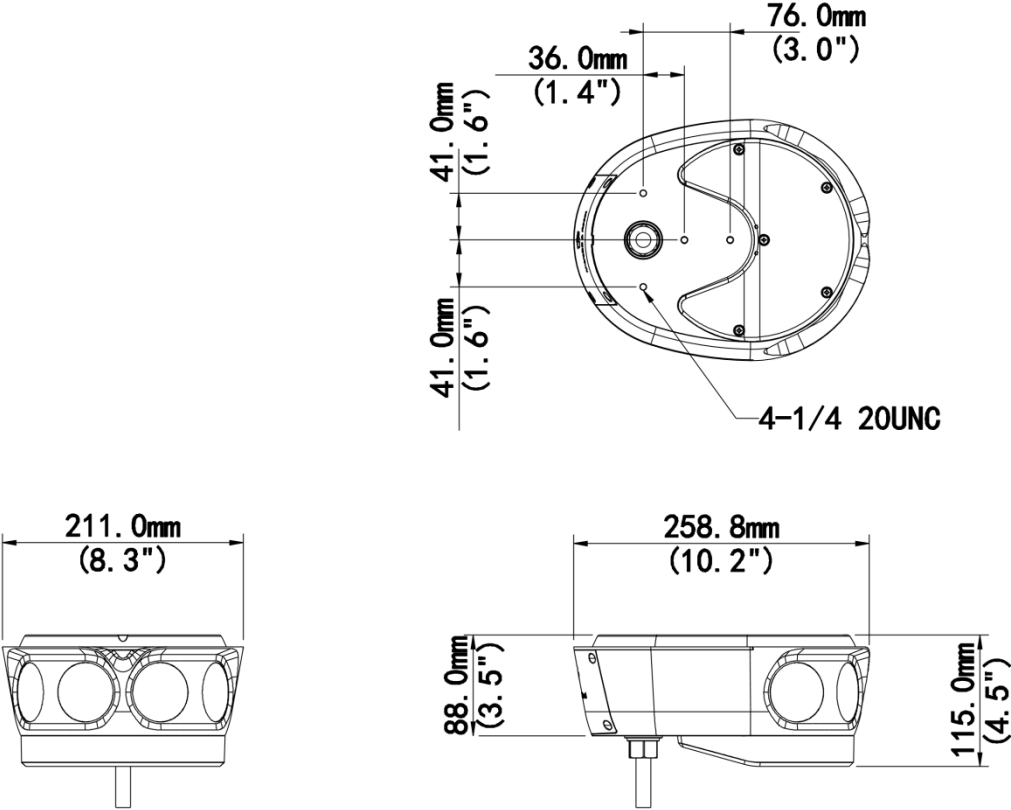
Specifications

Model	WJT-GT-MOV-CAM@16
BOM	
BOM	0235CD9D
聚合 BOM	
聚合 BOM	0235CD9D
Camera	
Max Resolution	4 MP
Sensor	1/1.8" CMOS
Min. Illumination	Color: 0.001 Lux (F1.6, AGC ON), BW: 0.0005 Lux (F1.6, AGC ON), 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
S/N	>56 dB
WDR	DWDR
Lens	
Focal Length	2.8 mm
Iris	F1.6
Field of View (H)	180°
Field of View (V)	90°
Iris Type	Fixed
Video	
Video Compression	H.265, H.264, MJPEG
Video Bit Rate	128 Kbps to 16 Mbps
ROI	Up to 8 areas
Video Stream	Triple streams
Privacy Mask	Up to 8 areas (8 blacks/ 8 mosaics)
OSD	Up to 10 OSDs
Frame Rate-Main Stream	4 MP (2688x1520), max. 30 fps
Frame Rate Recommendation	2688x1520@30 fps
Snapshot	Support
Intelligent	
Recognition	N/A
Exception Detection	N/A
Smart Intrusion Prevention	N/A
Basketball Live	Supports tracking algorithms to dynamically track based on player and ball movements within the pre-set court area.
Football Live	Supports tracking algorithms for 5-8-a-side football to dynamically track based on player and ball movements within the pre-set field area.
Intelligent	Seamlessly stitches and corrects wide-angle video footage.
Image	
White Balance	Auto
Digital Noise Reduction	2D/3D DNR

Image Stabilization	N/A
HLC	Support
BLC	Support
Smart IR	Support
Defog	Digital defog
Dewarping	N/A
Heatwave Reduction	Support
Events	
Basic Detection	Human body detection
General Function	Alarm input, Alarm output
Audio	
Audio Compression	G.711U, G.711A, AAC-LC
Suppression	Support
Sampling Rate	G.711A/G.711U: 16 kHz, AAC: 48 kHz
Storage	
Network Storage	ANR
Edge Storage	MicroSD, up to 512 GB
Network	
Protocols	IPv6, IPv4, ARP, TCP, UDP, PPPoE, DHCP, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, 802.1x, HTTPS, RTCP, RTMP, IGMP, ICMP, L2TP, SIP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK, ONVIF (Profile S, Profile T)
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
Security	TLS 1.3
Interface	
Alarm I/O	2/1
Serial Port	1 × RS485
WIFI	N/A
Network	1 × RJ45 10 M/100 M/1000 M Base-TX Ethernet
Video Output	N/A
Built-in Mic	N/A
Built-in Speaker	N/A
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
General	
Power	DC24V±25%, PoE+ (IEEE 802.3at), AC24V±25%
Power Consumption	Max. 23 W
Power Interface	Wires with cold-pressed terminal
Built-in DC12V Output	Support
Dimensions	259mm*211mm*115mm
Weight	2.28kg (5.03 lb.)
Working Environment	-40 °C to 60 °C (-40 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	6 KV
Reset Button	Support
RTC	Support

Material	Graphene + Metal
Heater	N/A
Wiper	N/A
Certification	
Protection	IP67
Safety	CE-LVD(ENIEC62368-1) UL/CUL(UL62368-1,CAN/CSAC22.2No.62368-1)
Environment	CE-RoHS(2011/65/EU:(EU)2015/863) WEEE(2012/19/EU)
Live View	
Maximum Bitstream	20
OSD Font	Vector
OSD Color	Support
OSD Character Number	60
Other	
Corridor Mode	N/A
Software Version	IPC_Q6501
Illuminator	
Illumination Distance (IR)	50 m (164.0 ft.)
PTZ	
Snow Removal Mode	N/A

Dimensions



Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.



<http://www.uniview.com>



overseasbusiness@uniview.com; globalsupport@uniview.com



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



©2023-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.

Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.