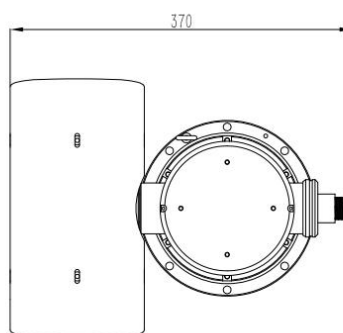
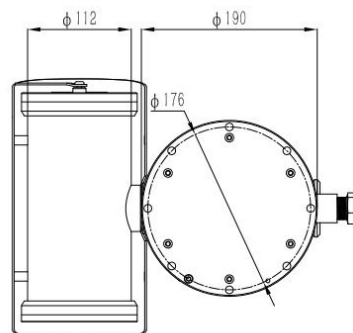
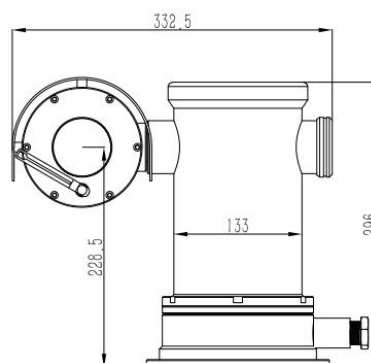
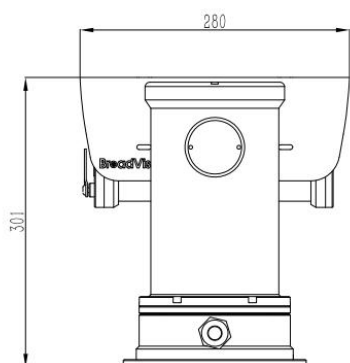




- IP 69K
- Anti-Shocks 50G
- Anti-Vibration
- Low Latency
- Night vision mode
- Mechanical self-locking
- High Accuracy $\pm 0.1^\circ$



Unit: mm

Product Data

TECHNICAL DATA

Camera PTZ -HD-F

Camera

Sensor	1/1.8" Progressive Scan CMOS
Resolution	Max: 2688×1520 (60Hz, 30fps)
Focus	7.1mm to 213mm
Zoom	30X optical zoom, 16X digital zoom
Aperture	F1.61 - F5.19
Angle of view	H: 57.62° to 3.92°
M.O.D	100mm to 1500mm
Min.illumination	ICR-Off: 0.0001Lx; ICR-On: 0.00005Lx
Shutter speed	1/25 to 1/100000s
S/N ration	52dB
Wide Dynamic	120dB
Standards	H.265, H.264
Latency	170ms (1920×1080, 30fps)
Zoom speed	≈4s

General

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IPv6, IONVIF(PROFILE S, PROFILE G), GB28181
Control	ONVIF, PELCO-D/P, GB28181
Anti-Shake	Gyro - stabilized anti - shake

Electrical

Input Voltage	24V DC,
Power Rating	Heating on : 13W & Heating off : 8W &PTZ:60W
Communication	100M Ethernet
Aviation Joint	Aviation connector
Cable	Open wired Length can be customizable
Safety measure	Lightning/Over voltage/Reverse Protection

Electrical Connections

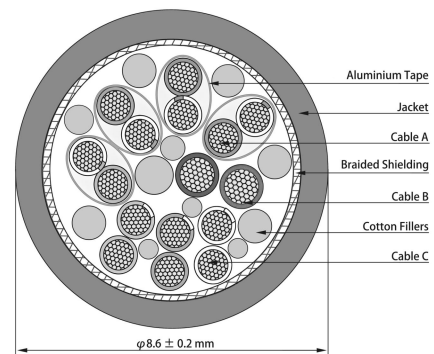
1_Orange/White	Ethernet TX+	9_Yellow/White	RS 485A+
2_Orange	Ethernet TX-	10_Yellow	RS 485B-
3_Green/White	Ethernet RX+	11_Pink/White	COM 1
4_Green	Ethernet RX-	12_Pink	COM 2
5_Blue/White	NC.	13_Purple/White	UART_T
6_Blue	NC.	14_Purple	UART_R
7_Brown/White	NC.	15_Red	DC+ 12/24V
8_Brown	NC.	16_Black	DC-

Mechanical

Structural	304/316 Stainless steel mounting parts & sun cover, anodized aluminium housing, CNC integrated molding,Black oxidation treatment+spray coating
Anti-Corrosion	Salt mist, cyclic (IEC 60068-2-52)
IP Grade	IP68 (IEC60529) dustproof & waterproof (dip in water up to 3m for 60 minutes) IP69K (DIN 40050-9) suffer high pressure washing (14-16L/min, 80°C, 100 bar)
Inner Fill	Dry-nitrogen filled, 1.4 Bar overpressure
Anti-Shock	50G, 6ms, Half sine wave
Bracket	Seat mounted mode: Movement 0 ° installation/Side mounted mode: Lens 90 ° installation (switching time<5 minutes)
Working Temp.	-40°C to +60°C
Glass	Vacuum nano-coated glass, 5* stronger than ordinary glass. With Anti-fog coating AF coating & AR coating (up to 95% VLT)
Weight	<10kg

PTZ

Pan angle	Total 360°, 180° left, 180° right.
Tilt angle	Total 180°, 90° up, 90° down.
Speed Range	0.1°/s ~ 40°/s
Response Speed	<100ms
Position Accuracy	±0.1°
Preset Points	Support preset point settings and cruise scanning
Get Coordinates	PTZ absolute coordinate setting and acquisition
Power Off Memory	Power on reset: After power on, first return to zero point, then return to the power on position again
Drive System	Steel turbine worm, mechanical self-locking
Rated Wind Velocity	Normal operation at 140km/h; 180km/h (max)



All data subject to change without notice. All dimensions are for commercial purpose only.
The camera from BroadVision comply with the latest CE, FCC, BIS, EMC and mirror-directive regulations, where applicable.
All products are manufactured in accordance with the ISO 9001 quality management system, ISO 14001 environmental management systems and ISO 45001 occupation health safety management system, where applicable.

Outdoor Heavy Industry Camera

BroadVision
<http://www.bvcameras.com>