

**Inspecam® PTIP HD**

Pan &amp; Tilt Zoom Camera

**SPECIFICATIONS****OPTICAL**

Lens	5.1 - 51 mm
Zoom	10x Optical
Focus	Auto / Manual / Semi auto
Iris	Adjustable
Day / Night	Auto / Day / Night
White Balance	Auto / Manual / Adjustable
Minimum Illumination	0.2 lux @ F1.6 (Color) 0.01 lux @ F1.6 (B/W)
Viewing angle in air (Horiz)	54° (Wide) - 4.9° (Tele)
Viewing angle in water (Horiz)	46° (Wide) - 4.3° (Tele)
Movement Range	Pan 360° (endless) Tilt 150°

**ELECTRICAL**

Horizontal Resolution	HD 2MP
Compression	H.264, H.265, MJPEG
Maximum Frame Rate	30 fps @ 1920x1080
Maximum Streams	4 video streams
Image Settings Time	stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (up to 24) Scheduled profile settings, EIS, 3DNR, defog.
Video Streaming	Adjustable resolution, quality constant bit rate control Smart Stream II
Supply	PoE
Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTCIP, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP.

**MECHANICAL**

	<b>Black POM</b>	<b>Hard anod. alum. 6061</b>	<b>Stainless steel 316</b>
Housing	Schott N-BK7	Schott N-BK7	Schott N-BK7
Dome			
Diameter	190 mm	170 mm	170 mm
Length	230 mm	220 mm	220 mm
Weight air	4.2 kg	4.5 kg	11 kg
Weight water	0.5 kg	3.4 kg	8 kg

**ENVIRONMENTAL**

Rated depth	300 m	2000 m (4000 m)	2000 m (4000m)
Operating temp.	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C
Storage temp.	-20°C to 70°C	-20°C to 70°C	-20°C to 70° C