

I Underwater FULL HD PoE Network Camera

Max.100m Under Water 4X Zoom Lens Smart LED Camera



SeaView Aqua-100A

Key Features

- AISI 316L Stainless Steel / Tempered Glass
- Electropolished AISI 316L Stainless Steel / Lost-wax casting mold structure without welds
- IP68 Protection Rate
- Underwater Max 100meter, 24/7 365day 40meter
- Subsea Specialty Cable (20meter, 50meter 100meter)
- 2MP Full HD(1920 x 1080) / 30fps
- 1/2.8" Sony STARVIS CMOS Sensor
- 2.8~12mm Motorized Lens
- Multi Video Compression : H.264 / H.265 / MJPEG
- 4EA High Luminance White LED (Each over 1W)
- Min. Illumination 0.001 Lux
- True Day & Night / True Wide Dynamic Range
- ONVIF Support (Profile-S)
- **Application Market**

Marine, Offshore, Aquatic Ecology/Environment, Swimming Pool, Underwater drone
Fish farm, Water and sewage facilities, Water Park, Military Swimming Training Pool

SPECIFICATION

Structure Material	AISI 316L Stainless Steel
Ingress Protection Rating	IP68
Sensor Type	1/2.8" Sony STARVIS CMOS Sensor
Effective Pixels	1920(H) x 1080(V) Megapixels
Lens	2.8~12mm Motorized Lens
Angle of View	H:101.34°(W) / V:54.46°(W) / 119.72° (D)
LED	4EA White LED (Each 1W)
Minimum Illumination	0.001Lux
AWB	Auto / Manual/ATW
WDR	On / Off
BLC	On / Off
3DNR	Auto
Shutter Speed	Auto / Manual (1/30 ~ 1/30,000 Sec)
AGC	Auto
Day & Night	Auto / Color / BW
Image Effect	Mirror, Flip
Motion Detection	Yes
Privacy Mask	4 Blocks (On / Off)
Video compression	Simultaneous Multi Codec (H.265 / H.264 / MJPEG)
Dual-Stream	Main Stream(1080P) & Sub-Stream(D1)
Bitrate Control	CBR/VBR, Network Bandwidth Control
Network Protocol	TCP/IP, HTTP, RTP/RTSP,UDP, DHCP, FTP, SMTP, NTP, ARP, ICMP, DDNS, ONVIF
Connection Mode	Fixed IP, DHCP,DDNS
Max. User Access	Up to 10
Security	WS-Security, RTSP Access Control
ONVIF Compliance	Yes(Profile-S)
Remote Monitoring	All Kinds of Web Browser (I/E, Safari, Chrome, Firefox) CMS & Mobile Viewer (iPhone & Android)
Web Browser(Viewer)	Internet Explorer, Microsoft Edge, Google Chrome, Firefox, Apple safari
LAN	10/100BaseT LAN (auto MDIX)
Factory Reset	Support
PoE	Support(IEEE 802.3af)
Operating Temperature / Humidity	-20°C ~ 50°C / Less than 95% RH
Size	101.2(W) x 134(H) x 200.8(L) mm
Weight	3.0Kg
Cable	EMC-Q410 (20m, 50,100m : Option)

Sub-Sea Cable for Under Water Camera

Perfect Water Proof up to 100m

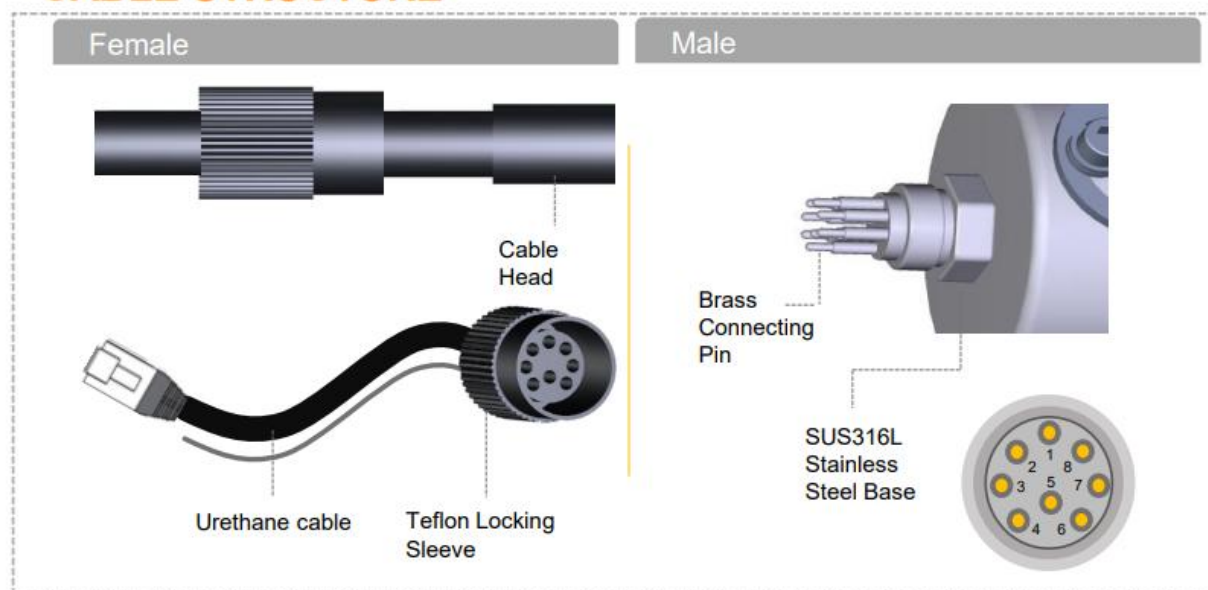


iVEX-EMC-Q410

Key Features

- Under Water 100m Water Perfect Water Proof
- Connector Shell Material 316L Stainless Steel
- Contact Material Brass With Gold Plating
- Smooth and Flexible material
- Disconnect and Connect Under water (Please work after Power Off)
- Teflon, Silver Plated Pure Copper
- -50°C +100°C Rated Temperature(Air)
- 20M / 50M / 100M Length Available
- For PoE & IP Network Camera

CABLE STRUCTURE

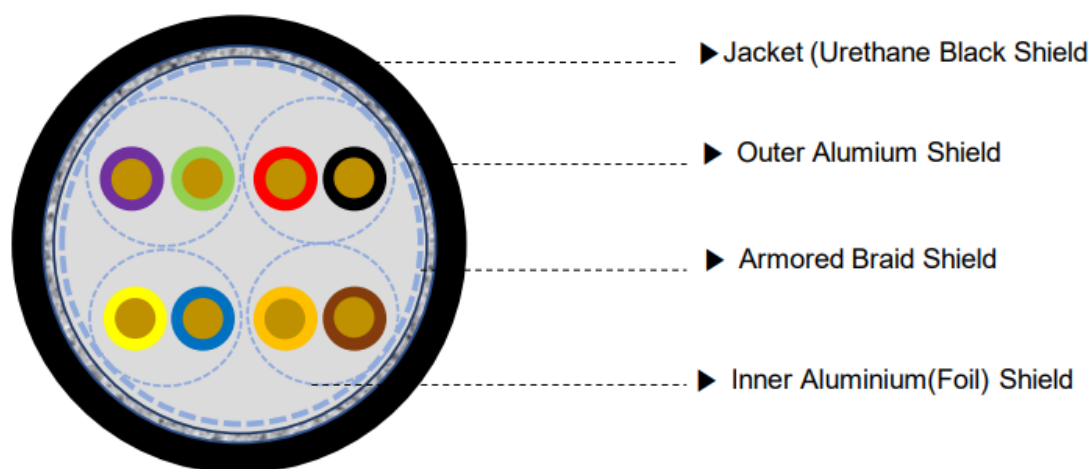


SPECIFICATION

Structure

Connecting	Coupling
Connector Shell Material	SUS 316L Stainless Steel
Connctor Insert Material	Chloroprene Rubber
Contact Material	Brass With Gold Plating
Cable Material	Teflon, Silver Plated Pure Copper
Inline Connector	Polyether Cable for Seabed with Aluminum Foil Shielding
Termination	Solder
Water Resistance Depth	Under Water 7000M
Mating Cycle	>500
Temperature Range	-50°C ~ 100°C
Insulation Resistance	>200MΩ
Rated Current	5A
Contact Diameter(mm)	Φ2X8
Rated Voltage	12V~220V
Test Voltage	600V
Contact Resistance(MΩ)	200
Wire Size(mm / AWG)	≤ 13.5

CROSS SECTION OF CABLE



DIMENSION(MM)

