

Underwater camera AP-W2020

Product information



Product name: AP-W2020

Description:

The underwater camera has a resolution of 2 megapixels and is suitable for underwater use up to a depth of 30 meters (The permissible pressure is 400Kpa).

It is equipped with a 5 meter long, water and corrosion resistant cable, at the end of which the POE converter is located. Thus, this camera requires only one cable connection, over which the data and the power supply are sent.

There are 2 different lens focal lengths available: 2mm with a horizontal angle of 150° and 2,8 – 12mm with a viewing angle of 95° - 30°.

4 IR LEDs ensure clear images even at night (please note that if you plan underwater videos in the dark, water quality plays a very important role). If the results with the IR illumination as the only source are not satisfactory, then only an additional white light can help.

3 white LED built-in can be used for providing additional light.

Application examples include koi ponds, carp ponds, swimming pool installations, instructional videos for divers, lifeguards, monitoring of cooling pools, live recordings for aqua zoos.

Camera specification:

1. Resolution: 1920 x 1080P Full HD IMX291 CMOS sensor, 0.1Lux at QF F1.2

2. Lens:

AP-W2020: 2mm lens, viewing angle of 150°

AP-W2028: 2,8mm – 12mm, viewing angle of 95° - 30°

3. Dimension: 70mm x 70mm x 140mm

4. Camera material: high quality aluminium, IP68 waterproof design, corrosion-resistant, durable, solid underwater use, long-term use in wet areas.

5. Pressure: Maximum pressure 400Kpa, corresponds to a water depth of 30 meters

6. Camera cable: cable length of 5 meters (special wire, anti-aging, anti-stretch, hydrolysis resistance.)

7. Remote Access: Remote Monitoring with Mobile or Tablet (iOS, Android)

8. Browser Access: Supported

9. Software: Free software for PC and as App`s

10. ONVIF: Supported (connection of DVR / NVR)

11. SDK Support: Yes

12. RTSP Stream: Supported

13. Power Supply: DC12V 2A / POE 48V-54V IEEE.802.af, Power Supply Pin: Mode-A 1.2 (+) / 3.6 (-)

Package contents:

1 camera
1 CD
1 manual

Model	AP-W2020	AP-W2028
Resolution	2 MP 1920*1080P 1/2.8" SONY 291 CMOS sensor ,color 0.001Lux F1.2,black/white 0.0001Lux F1.2	
Frame rate	25fps	25fps
Lens	2.0mm (H.FOV:150°) lens	2.8-12mm (H.FOV:95-30°) electric zoom lens
White light	3x Sensor controlled white light, brightness settings 10 level	
IR light	4x Sensor controlled IR light, brightness settings 10 level	
Image color	Two color modes:1: Manually set full color / black; 2: Automatic color transfer to black	
Supporting device	Support iOS, Android, computer, NVR.Compatible with Hikvision, Dahua, proprietary protocol.(Only support windows-IE browser for camera internal parameter setting)	
Protocol	RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/ONVIF;SDK Secondary development	
Material	Aluminium, anti-corrosion	
Waterproof	IP68 (permanent installation under water)	
Water pressure	Maximum 400Kpa (Waterpressure resistance 30M)	
Cable	The default length is 5 meters (the longest is no more than 100 meters), PU material ,diameter 6.3MM. Resistance to 60KG pull, anti-aging, anti-friction, resistance to seawater corrosion, special underwater	
Camera wire	wire	
Environment	Underwater	
Working humidity	0%-100%	
working temperature	-20°C - 55°C	
powered by	Line length 5 meter, DC12V/POE	
Dimension	70mm x 140mm	
Weight	2,5Kg	
Content	Camera Camera bracket CD instruction and software	

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Technischer Support Montag bis Freitag von 13:00 bis 17:00Uhr

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