

1080P Full HD Under Water Inspection Camera System DZ10010-SS-WCB

Application: widely used in aquaculture (fish, sea cucumber, etc.). underwater wedding photography, submarine marine life research, water pipe pile hole imaging, downhole TV, underwater investigation, underwater operations (such as checking the cage hole), diving adventure, underwater engineering acceptance, downhole observation (such as drilling wells), leisure, fishing, etc. ;








Performance

- Camera size: $\varnothing 70\text{MM} \times 140\text{MM(L)}$, 1080P full HD Camera Head.
- Sensor: 1/1.8" SONY CMOS sensor.
- Zoom lens: 2.8-11mm (H.FOV: $90^\circ - 35^\circ$) Motorized zoom lens
- Illumination: Light sensor controlled 3 white light, 10 level brightness settings, Light sensor controlled 4 infrared light, 10 level brightness settings
- With 4 ports
- 13.3 inch 1080P full HD Display
- 24 different menu languages
- 500G Hard Drive
- Support wireless mouse
- Support LAN.WAN
- H.264 and AVI video format

Spec Detail:

Display	
Screen	13.3-inch 1080P Full HD LED screen
Resolution	16:9, 1920 X 1080(V) Wide viewing angle, Can clear the image details
Waterproof	IP65 waterproof rating, to prevent jet water immersion
OSD language	English, Chinese, etc. (12 languages available)
Suitcase	
DVR	support for video, playback, query, copy and so on support for controlling the display function
Audio	audio input, you can record the sound through the microphone, stored to the hard disk
Languages	24 Language
Output1	Support external HDMI display output
Output2	USB output for the phone to provide emergency charging
Display pixels	1920*1080P
Storage pixels	1920*1080P
Storage	built-in 500GB hard drive, long time storage 1080P HD video
Special	anti-knock, effectively ensure that the internal components of normal work
Waterproof	IP65 waterproof rating, to prevent the jet of water immersion
Network	support mobile phones and computer LAN, WAN, through the RJ45 network port to watch the camera and view the video
Mouse	support the mouse for quick operation
Video format	H.264 and AVI
Built-in Battery	1million mAh lithium battery, 18-25.8V battery (Battery working time: 9-13 hours) Lithium battery
Charger	DC24V Adaptor
Demension	42*34*18CM
Gross/Net Weight	10.5KG/10KG
Camera Head	
Dimension	Φ70mm*140mm
Resolution	2 MP 1920x1080P 60FPS 1/2.8" SONY CMOS sensor ,color 0.001Lux F1.2, black/white 0.0001Lux F1.2
Frame rate	60FPS
Zoom Lens	2.8-12mm (H.FOV:90-30°) Electric zoom lens
Illumination	Light sensor contorlled 3 white light ,10 level brightness settings, Light sensor contorlled 4 infrared light ,10 level brightness settings
supporting device	Support iOS, Android, computer, NVR. Compatible with hikvision, dahua, proprietary protocol. (Only support windows-IE browser for camera internal parameter setting)
Supporting agreement	RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/ONVIF; SDK Secondary development

Built-in storage	No (But option)
Material	316L stainless steel, anti-corrosion
Water pressure resistance	IP 68 Maximum 500Kpa (Waterpressure resistance 50M)
Camera wire	The default length is 10 meters (the longest is no more than 70 meters),PU material,Diameter7MM.Resistance to 60KG pull,Anti-aging,Anti-friction,Resistance to seawater corrosion,Special underwater wire.
Use environment	land,Car,Shipborne,Underwater.
Working humidity	0%-100%
Power Supply	Cable length ≤ 10 meters;3 options: Default options 1:DC12V/POE 48V-54V IEEE.802.af power input and output pin: 1, 2 (+) / 3, 6 (-); options 2:DC12-DC28V/AC12-AC28V; options 3:POE 48V-54V IEEE.802.af power input and output pin: 1, 2 (+) / 3, 6 (-),4, 5 (+) / 7, 8 (-);
	Cable length 11-70meters;2 options: options 1:DC24V/AC24V; options 2:POE 48V-54V IEEE.802.af power input and output pin: 1, 2 (+) / 3, 6 (-),4, 5 (+) / 7, 8 (-);
Weight	1.8KG
Customization	
	Character overlay Temperature; moderate; carbon dioxide; PM2.5, etc.
	Wiper function Increase the ability to clean the glass wiper
	PTZ function Up, down, left, right, rotary pan/tilt function
	Complete system Can be composed of a complete system,camera-storage-display,single or multiple components of a system
	Heating function The camera work in -30°~55° environment
Option#1	Resolution: 5MP 25FPS/8MP 25FPS/12MP 25FPS
Option#2	Lens 3.6mm-11mm(H.FOV:80°-35°)Electric zoom lens
Option#3	Window clean function and the wiper can work in 50M water depth
Option#4	When the cable above 10M and need 12V power supply
Option#5	Built-in water temperature indication function
Option#6	AI Alayysis:Such as identify the fish types,calculate the number of fish and so on, we can supply the SDK software to help you do the second development.
Option#7	Work with the custom-made carbon fiber telescopic pole
Option#8	Add a suitcase to work together,suitcase
Option#9	Custom-made water depth
Option#10	Built-in storage
Option#11	Work with the suitcase
Package	1* camera 1* camera bracket 1*U disk (instruction and software) 1*suitcase 1*cable