

## CM-IP/FZ SERIES

Hoytek CM-IP-FZ Series consists of cutting-edge ROV camera units designed to deliver exceptional performance in demanding underwater environments. With options available up-to 3000 meters, this camera unit is built to withstand the rigors of heavy-duty operations.



## FEATURES

### ⊕ Unparalleled Image Quality

The CM-IP/FZ Series, equipped with a specialized underwater sensor, delivers high-resolution and crystal-clear images even in challenging underwater conditions. Capture every detail and explore the underwater world with unprecedented clarity.

### ⊕ Advanced Focus and Zoom Capabilities

The CM-IP/FZ Series offers zoom, automatic and manual focus options, allowing you to precisely control the camera as needed. Whether you want to capture specific details or adapt to changing underwater scenes, this camera unit ensures optimal focus for unparalleled image clarity.

### ⊕ Customizable Connector

We understand the importance of flexibility in underwater operations. The CM-IP/FZ Series allows for a customizable connector, enabling seamless integration into your existing ROV system. Tailor the camera unit to your specific needs and enhance your operational efficiency.

### ⊕ Reliability and Durability

Built with ruggedness in mind, the CM-IP/FZ Series is designed to withstand harsh underwater conditions. Its robust construction ensures long-lasting performance and durability, allowing you to rely on the camera unit even in the most challenging underwater missions.



Integration Support



Remote Support



ROV Training



1 Year Warranty

## TECHNICAL SPECIFICATIONS

<b>Dimensions</b>	Ø102 x 155mm (excluding connector)
<b>Weight in Air</b>	1500g
<b>Weight in Water</b>	500g
<b>Depth Rating</b>	600/1000/3000m
<b>Housing</b>	Hard Anodized Marine Type Aluminum
<b>Connector</b>	MCBH6MSS (Customizable)
<b>Input Voltage</b>	24VDC (max. 15W)
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS
<b>Min. Illumination</b>	Color: 0.003 Lux @ (F1.4, AGC ON)
<b>Lens Type</b>	Varifocal lens, motorized lens, 2.8 to 12 mm
<b>Focal Length &amp; FOV</b>	Horizontal FOV 108° to 46°, vertical FOV 58° to 26°, diagonal FOV 127.4° to 52°
<b>Aperture</b>	F1.4
<b>Max. Resolution</b>	3840 × 2160
<b>Video</b>	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
<b>Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, SNMP, ARP
<b>API</b>	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK



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