



## CM-FZ SERIES

Hoytek CM-FZ Series consists of cutting-edge ROV camera units designed to deliver exceptional performance in demanding underwater environments. With options available for depths of 1000 and 3000 meters, this camera unit is built to withstand the rigors of heavy-duty operations.

## FEATURES

### ⊕ Unparalleled Image Quality

Equipped with a specialized underwater sensor, the CM-FZ Series ensures high-resolution and crystal-clear imagery even in challenging underwater conditions. Capture every detail and explore the underwater world like never before.

### ⊕ Advanced Focusing Capabilities

The CM-FZ Series offers both automatic and manual focusing options, providing precise control over the camera's focal point. Whether you need to capture specific details or adapt to changing underwater scenes, this camera unit delivers optimal focus for unparalleled image clarity.

### ⊕ 360x Total Zoom

Benefit from a comprehensive zoom capability with a total magnification of 360x. From wide-angle panoramic views to detailed close-ups, the CM-FZ Series enables you to explore and inspect underwater structures, marine life, and submerged objects with remarkable clarity and precision.

### ⊕ Customizable Connector

We understand the importance of flexibility in underwater operations. The CM-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-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

## SPECIFICATIONS

<b>Dimensions</b>	100 (diameter) x 194mm (connector excluded)
<b>Weight in Air</b>	2040g
<b>Weight in Water</b>	595g
<b>Depth Rating</b>	1000/3000m
<b>Housing Material</b>	Marine Type Aluminum
<b>Connector</b>	HE75CXBH6M (Customizable)
<b>Voltage Input</b>	24VDC (Customizable)
<b>Imaging Sensor</b>	1/2.8-type Exmor R CMOS Sensor (2130K pixels)
<b>Lens</b>	30x Optical Zoom ; f= 4.3 mm - 129 mm, F1.6 - F4.7
<b>Signal</b>	HD-SDI or Composite Analog
<b>Resolution</b>	1920 x 1080
<b>Zoom</b>	12 x Digital - 30 x Optical (Total: 360x)
<b>Field of View</b>	63.7° - 2.3°
<b>Video Output</b>	Y / Pb / Pr 4:2:2 (LVDS) (Y: 8 bit, C: 8 bit, Vsync, Hsync, Field, Clock) (SMPTE274M/SMPTE296M)
<b>Control Interface</b>	VISCA Protocol (CMOS 5V Level) ; Baud Rate : 9.6 kbps, 19.2 kbps, 38.4 kbps, 115.2 kbps, Stop bit : 1 bit

CM-FZ-1000SDI: 1000m HD-SDI version

CM-FZ-3000SDI: 3000m HD-SDI version

CM-FZ-1000CVBS: 1000m Composite Video version

CM-FZ-3000CVBS: 3000m Composite Video version



Integration Support



Remote Support



ROV Training



1 Year Warranty