



**PENLINK**

## Lenses for Subsea Operations

Lenses are important components in any image processing system, often combined with low light cameras, lighting and software. In this system, the lens is the first component that captures the image. Therefore, it is particularly important that the lens is matched to the overall system, surrounding environment, and to the camera.

Our lenses are specifically designed for use in subsea environments. They guarantee maximum durability and reliability, even during continuous operation.

## Wide Range of Lenses

We meet most of the requirements and wishes of our customers with our wide range of high-quality standard lenses. In some cases, however, it must be an adaptation or a completely new development in order to meet very special customer requirements to 100%. We can modify our lenses for you or develop and manufacture a new lens according to your specifications.

For subsea operations, all glass elements in the lens are glued and therefore offer a much higher stability compared to non-glued lenses. This is essential as it will make sure that the focus point stays in place, as well as handle vibration, and chock.



## Our lenses

Depending on your application there might be different requirements for the lenses, and we will help you find the most suitable lens for your application and budget. Together we will look at the requirements to match it to the lens's different characteristics, such as, wide lens, wavelength pick up, sensor size, pixel size, temperature range, mount type, iris control, size and much more.



LM12HC-V 1"  
12.5mm/F1.4 Manual



LM8JC10M 2/3"  
8.5mm/F1.8 10MP



LM6HC 1"  
6mm/F1.8 Manual Iris



LM8JC5MC 2/3"  
8mm/F2.8 5MP



LM8FC 1.1"  
8.5mm/F2.5



LM3JC10M 2/3"  
F3mm 10MP C-Mount  
FA Lens

## Our lenses

### Technical Specification

Lenses	LM12HC-V	LM6HC	LM8FC24M	LM8JC10M	LM8JC5MC	LM3JC10M
Focal Length (mm)	12,5	6	8,5	8,5	8	3,7
Sensor Size	1"	1"	1.1"	2/3"	2/3"	2/3"
Pixel Size	5	5	2,5	2,5	3,45	2,5
Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
Iris Control	Manual	Manual	Manual	Manual	Manual	Manual
Iris Range (F-Stop)	1,4 - 16	1,8 - 11	2,5 - 16	1,8 - 22	2,8	2,8 - 16
Focus Control	Manual	Manual	Manual	Manual	Manual	Manual
Megapixel	5	5	24	10	5	5
Size (mm)	Ø44 X 52	Ø54 X 56,6	Ø64 X 73,3	Ø36 X 56	Ø32 X 27	Ø57 X 54
Weight (g)	130	215	230	115	55	120
Temperature Range	-10°C - +50°C	-10°C - +50°C	-10°C - +50°C	-10°C - +50°C	-10°C - +50°C	-10°C - +50°C

## A lens specially designed for your requirements!

It is not always easy to select the right lens from the diverse product range. Our experts have been working with customers from various sectors for many years. Thus, we have gained a good understanding of the special requirements of different solutions.

We can help you individually to find the right lens for your application. So, if you have the impression that you cannot find what you are looking for in our standard range, simply contact us. We will be happy to advise you.



Get in touch with us today to start your next project!

[WWW.PENLINK.SE](http://WWW.PENLINK.SE)



Engineering &  
Product design



Inspection &  
Quality management



Simulation &  
Design verification



Assembly &  
Testing



Advanced  
Manufacturing



Value-Added  
Products & Services

We supply only the best solution for each and every industry, get in touch with us to learn more about your possibilities when working with Penlink.

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