



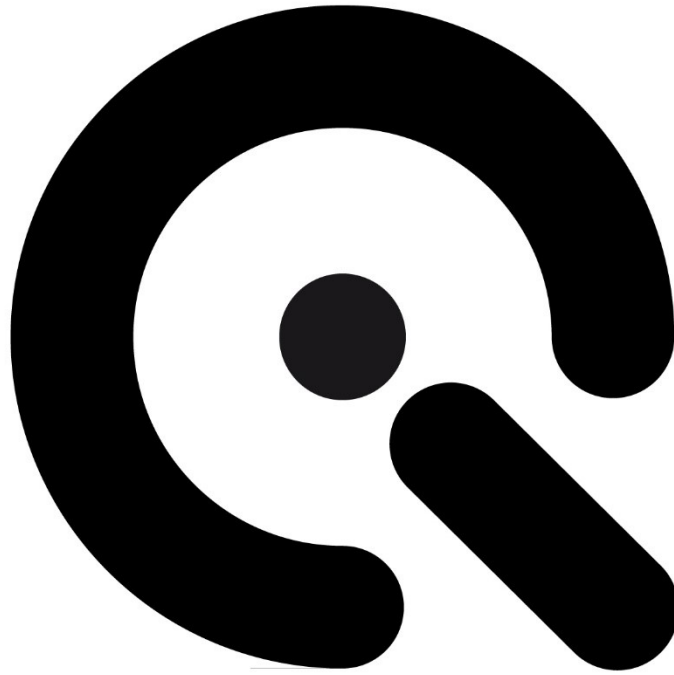
User manual

lightSTUDIO AW Mount

Image Engineering GmbH & Co KG

Official user manual

Version EN 2024-03



Project name: lightSTUDIO AW Mount

Trade name: lightSTUDIO AW Mount

Product name: lightSTUDIO AW Mount

Item number: 100210117

Manufacturer:

P.O. Box:

Im Gleisdreieck 5

DE 50169 Kerpen

Tel. +49 2273 99 99 10

Fax. +49 2273 99 99 1-10

info@image-engineering.de

<https://www.image-engineering.de/>

Revision index: 0001

Revision date: 2024-03-05

Official user manual

Version EN 2024-03



Contents

1	About these operating instructions	5
1.1	General information	5
1.2	Presentation of information	5
	Structure of instructions	5
	Structure of the warnings	6
2	General safety regulations	8
2.1	Basic principles	8
2.2	Intended use	8
2.3	Foreseeable misuse	9
2.4	Safety regulations	9
	General information	9
	During transportation	9
	Care, maintenance and inspection work	10
	Waste disposal	11
2.5	Safety signs	11
2.6	Expansion and conversion	11
2.7	Fire protection	11
2.8	Actions in an emergency	12
	Fire fighting	12
	Expected emissions	12
	First aid measures	12
3	Scope of delivery and identification of the device	13
	Scope of delivery	13
	Nameplate	13
3.1	Accessories + compatibility list	14
4	Structure and function	15
4.1	General overview	15
4.2	Functional sequence	15



5	Transportation and storage	16
5.1	Transportation.....	16
	Requirements for the installation site.....	16
	Transporting the device.....	16
	Unpacking the machine.....	17
5.2	Storage.....	18
	Requirements for the storage location.....	18
6	Installation and commissioning	19
6.1	Installation.....	19
	Installation of a lightSTUDIO AW Head variant.....	19
6.2	Commissioning.....	20
7	Operating and display elements	21
7.1	Control elements on the body.....	21
8	Help with faults or errors	22
9	Maintenance and inspection work for operators	23
9.1	Control.....	23
9.2	Care.....	24
10	Maintenance work	25
11	Disposal and recycling	26
12	Technical data	27
12.1	Data sheet.....	27
13	Appendix	29
13.1	Service addresses.....	29
	Europe.....	29
	USA.....	29
	China.....	29
13.2	Spare and wear parts.....	30



1 About these operating instructions

You must read these operating instructions before you operate the lightSTUDIO AW Mount for the first time or before you start any other work on the lightSTUDIO AW Mount.

Pay particular attention to Chapter 2, "General safety regulations."

1.1 General information

These instructions are intended to make it easier to get to know the lightSTUDIO AW Mount and to use it for its intended purpose.

The operating instructions contain important information on how to operate the lightSTUDIO AW Mount safely and properly. Observing them will help:

- Avoid dangers
- Reduce repair costs and downtime
- Increase the reliability and service life of the product

Everyone working on the lightSTUDIO AW Mount must read and apply these instructions.

In addition to these operating instructions, the accident prevention and environmental protection regulations applicable in the user's country and the place of use must also be observed.

1.2 Presentation of information

Structure of instructions

Instructions for action are divided into:

- Action steps
- Results of the actions
- Application tips for optimal use

A symbol identifies each piece of information:



Icon	Meaning
1. 2. 3.	Action steps: These are numbered consecutively and must be carried out in the specified order from top to bottom.
✓	Result symbol: The text after this symbol describes the result or intermediate result of an action.
TIP:	Application tip: Additional information on optimal use of the product.

Tab. 1.1 Meaning of symbols

Structure of the warnings

Signal word	Use for ...	Possible consequences if the safety instructions are not observed:
DANGER	Personal injury (imminent danger)	Death or serious injury!
WARNING	Personal injury (potentially dangerous situation)	Death or serious injury!
CAUTION	Personal injury	Slight or minor injuries!
NOTE	Material damage	Damage to the device and the surrounding area

Table 1.2 Warning levels

The warnings are structured as follows:

- Warning sign with signal word corresponding to warning level
- Type of hazard (description of the hazard)
- Hazard consequences (description of the consequences of the hazard)
- Averting danger (measures to prevent danger)



DANGER!

Type of hazard

Consequences of danger

1. Emergency response

Warning signs Special warnings are provided at the relevant points. They are marked with the following symbols:



General danger zone

This sign warns of personal injury.

If there is a clear source of danger, it is preceded by one of the following symbols.



Hand injuries

This symbol warns that hands can be crushed, pulled in, or injured.



2 General safety regulations

2.1 Principles

The lightSTUDIO AW Mount is intended for use with a lightSTUDIO AW Head

Before putting the appliance into operation, please carry out the checks listed in **Chapter 9**. Make sure that the appliance:

1. Visually, it is in perfect condition
2. Is standing stable
3. The corresponding lightSTUDIO AW Headlight variant is on the lightSTUDIO AW Mount and is secured with the fastening straps.

The appliance is built following the state of the art and recognized safety regulations. Nevertheless, its use may pose a risk to the life and limb of the user or third parties or cause damage to the appliance and other property.

2.2 Intended use

The lightSTUDIO AW Mount has been specially designed for the mounting and optimal use of lightSTUDIO AW Head variants as part of the lightSTUDIO AW bundle. This innovative mounting system offers a wide range of applications and ensures precise and secure mounting of the lightSTUDIO AW Head variants.

a. General product description: The lightSTUDIO AW Mount is a mount for integrating lightSTUDIO AW Head variants into the lightSTUDIO AW bundle. Thanks to its robust construction and high-quality materials, it guarantees secure and stable mounting.

b. Intended use: The primary function of the lightSTUDIO AW Mount is the professional mounting of lightSTUDIO AW Head variants that are part of the lightSTUDIO AW bundle. The different variants are configured as follows:



- lightSTUDIO AW Head 1AW90
- lightSTUDIO AW Head 1AW95
- lightSTUDIO AW Head 2AW90
- lightSTUDIO AW Head 2AW95

The lightSTUDIO AW Mount thus offers a flexible and customized solution for a wide range of applications where precise alignment and secure attachment of the lightSTUDIO AW Head variants is required.

The appliance may only be operated indoors

2.3 Foreseeable misuse

- Install an older version of LightSTUDIO-S on it.
- Place mount on unstable floor (e.g., wobbly table)
- Do not attach the lightSTUDIO AW Head



WARNING!

Improper use of the lightSTUDIO AW Mount

Risk of injury to the user and damage to the device

Only use the lightSTUDIO AW Mount as intended.

2.4 Safety regulations

General information

The following organizational instructions must be observed to ensure the safe and efficient operation of the lightSTUDIO AW Mount.

During transportation

a). If the lightSTUDIO AW Mount is supplied without a lightSTUDIO AW Head variant: The lightSTUDIO AW Mount should always be transported by 2 people. Users can hold the lightSTUDIO AW Mount by gripping it by the two walls and transporting it.

b). If the lightSTUDIO AW Mount is supplied with a lightSTUDIO AW Head variant: Please make sure that the lightSTUDIO AW Mount with the mounted lightSTUDIO AW Head variant is properly and securely



screwed together to ensure a stable and reliable mounting of the lightSTUDIO AW Mount - see **Chapter 9.1**.

The appliance should be placed on a stable floor to ensure safe and level support.

Ensure you read and follow the warnings regarding sharp edges in the operating instructions. These warnings protect against injury during the installation and handling of the lightSTUDIO AW mount.

**WARNING!****Risk of bolt injuries**

Injury due to extended bolts

Before transporting, make sure that the bolts are wrapped in bubble wrap, for example, to prevent injury.

**WARNING!****Falling**

Injury from dropping the appliance

Only use the side-mounted handles of the corresponding lightHEAD AW variant to transport the lightSTUDIO AW mount.

**WARNING!****Danger due to crushing of the hands**

Crushing fingers when putting it down

Only use the side-mounted handles of the corresponding lightHEAD AW variant to transport the lightSTUDIO AW mount or to mount it with a lightSTUDIO AW Head variant.

Care, maintenance, and inspection work

The device is maintenance-free.



The lightSTUDIO AW Mount must be checked before starting work. To do this, carry out the steps in **chapter 9.1**.

Waste disposal

This product has no special disposal requirements.

2.5 Safety signs

The mandatory sign is located on the side:



Follow instructions

Read the instructions carefully before operating the lightSTUDIO AW Mount.



General warning sign

Ensure that the head is securely mounted on the mount and screwed tight.

Take care not to pinch your fingers during installation.

2.6 Expansion and conversion

Modifications to the appliance are not permitted.

2.7 Fire protection

There are no special requirements for fire protection.



2.8 Actions in an emergency

Fire fighting

The lightSTUDIO AW Mount does not require any special protective equipment for firefighting.

Use a suitable fire extinguisher (class C) if the appliance catches fire.

Expected emissions

The lightSTUDIO AW Mount does not contain any particularly hazardous substances. Therefore, no emissions are to be expected.

First-aid measures

No serious injuries are to be expected, even in the event of a fault.

Notify a first-aid responder.



3 Scope of delivery and identification of the device

Scope of delivery

The lightSTUDIO AW Mount is supplied fully assembled.

The following accessories are supplied:

- Partition wall around the split functionality of the lightSTUDIO AW Head variants
- Acceptance protocol
- Instructions
- lightSTUDIO Chart

Type plate


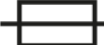
	Image Engineering GmbH & Co. KG	
	Im Gleisdreieck 5 50169 Kerpen	
	Made in Germany	
Type	lightSTUDIO AW Mount test device	
AN	100210117	SN LS-Mount-10002
U_n	<input type="text"/>	P_N <input type="text"/>
f_n	<input type="text"/>	 <input type="text"/>
MFG	<input type="text"/>	Indoor use only

Figure 3- 1 Nameplate

Listed are:

1st Manufacturer + address

2nd Type = type designation + article number

3rd Serial number

4th U_n = nominal voltage - Not relevant for this product.

5th F_n = Nominal frequency - Not relevant for this product.

6th MFG = Year of manufacture

7th P_n = Rated power - Not relevant for this product.

8th Fuse used - Not relevant for this product.

9th Note: For indoor use only

10th AN = Article number



3.1 Accessories + compatibility list

The lightSTUDIO AW Mount is designed for use with a lightSTUDIO AW Head.

The use of other components or other superstructures is not permitted.



4 Structure and function

4.1 General overview

The lightSTUDIO AW Mount is supplied fully assembled.

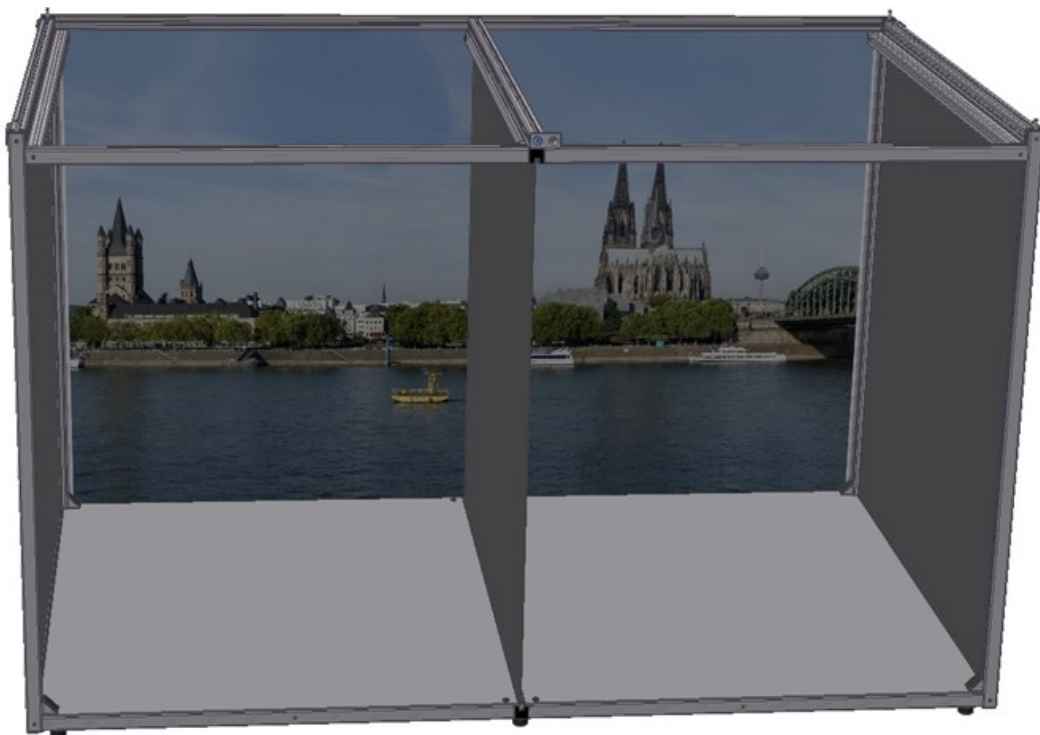


Figure 4- 1.2 Structure of the lightSTUDIO AW Mount

4.2 Functional sequence

For the function sequence of the device, please refer to the operating instructions of the corresponding lightSTUDIO AW Head variant.



5 Transportation and storage

5.1 Transportation

Requirements for the installation site

Place the lightSTUDIO AW Mount on a stable, level surface.



CAUTION!
Loss of stability

Tipping of the appliance due to installation on an inclined or movable surface.

The lightSTUDIO AW Mount must be set up on a flat, stable surface.

Transporting the device

a). If the lightSTUDIO AW Mount is supplied without a lightSTUDIO AW Head variant: The lightSTUDIO AW Mount should always be transported by 2 people. Users can hold the lightSTUDIO AW Mount by gripping it by the two walls and transporting it.



WARNING!

Risk of bolt injuries

Injury due to extended bolts

Before transporting, make sure that the bolts are wrapped in bubble wrap, for example, to prevent injury.

b). If the lightSTUDIO AW Mount is supplied with a lightSTUDIO AW Head variant: If a lightSTUDIO AW Head variant is mounted before transportation, make sure that it is secured with the screw. Only use the side-mounted handles of the corresponding lightSTUDIO AW Head variant for transporting the lightSTUDIO AW Mount.

**WARNING!****Falling**

Injury from dropping the appliance

Only use the side-mounted handles of the corresponding lightHEAD AW variant to transport the lightSTUDIO AW mount.

**WARNING!****Danger due to crushing of the hands**

Crushing fingers when putting it down

Only use the side-mounted handles of the corresponding lightHEAD AW variant to transport the lightSTUDIO AW mount or to mount it with a lightSTUDIO AW Head variant.

Unpacking the machine

The lightSTUDIO AW Mount is supplied in a wooden box.

To unpack:

1. Open the box.
2. Remove the plastic bag containing the documentation and accessories.
3. Remove the lightSTUDIO AW mount.



5.2 Storage

Requirements for the storage location

- Temperature range: 10-35°C
- Sand and dust-free environment
- Humidity: 10 ~ 95% RH, no condensation



6 Installation and commissioning

6.1 Installation

The appliance may only be operated indoors.

Place the lightSTUDIO AW Mount on a stable, level surface.

The lightSTUDIO AW Mount requires a footprint of 134 x 84 cm and an additional 15 cm of space at the rear for the connection cables and the power supply unit.



CAUTION!
Loss of stability

Tipping of the appliance due to installation on an inclined or movable surface.

The lightSTUDIO AW Mount must be set up on a flat, stable surface.

Installation of a lightSTUDIO AW Head variant

Before commissioning, ensure a lightSTUDIO AW Head variant has been securely installed.

See the Checking section in **Chapter 9.1**



CAUTION!
Danger due to crushing of the hands

Minor injury

With an AW lighthouse version, make sure your fingers are not trapped.



6.2 Commissioning

The lightSTUDIO AW mount is used in combination with a lightHEAD-AW variant. To use the lightHEAD-AW variant, please refer to the corresponding operating instructions.



7 Operating and display elements

7.1 Control elements on the superstructure



Illustration 7-1 Typenschild

The device has two control elements on the lightSTUDIO AW Mount itself.

These elements are located next to the IEC socket for the power supply unit of the mounted lightHEAD-AW version.



8 Help with faults or errors

In the event of faults or malfunctions of the lightSTUDIO AW Mount, please contact the Image Engineering support team immediately.



9 Maintenance and inspection work for operators

9.1 Control

Before starting work and commissioning, check daily that the lightSTUDIO AW Mount:

1. Visually, it is in perfect condition.
2. It stands securely on a stable base.
3. If you have purchased the mount with a matching lightSTUDIO AW Head, make sure that the device is connected to the corresponding lightSTUDIO AW Head variant at five points (2x left, 2x right, and 1x front) (see Figure 6).



Illustration 9-1 Attaching the lightSTUDIO AW head with the mount



9.2 Care

Clean the lightSTUDIO AW Mount with a dry material if it is dirty.



10 Maintenance work

The lightSTUDIO AW Mount is maintenance-free.



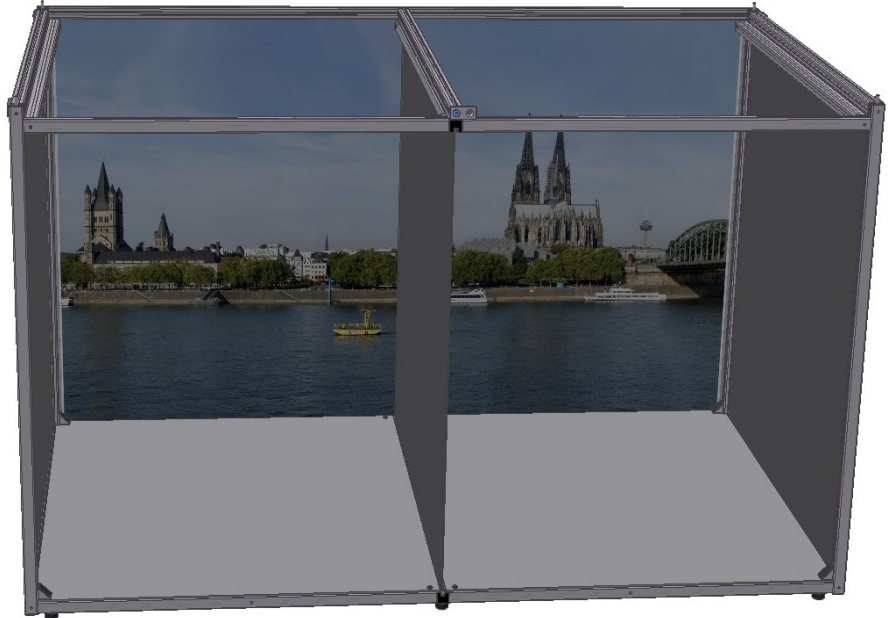
11 Disposal and recycling

This product has no special disposal requirements.



12 Technical data

12.1 Datasheet



Overview

Name	lightSTUDIO AW Mount
Functionality	A holder for the lightSTUDIO AW Head variants in the lightSTUDIO AW Bundle.
Compatibility	The mount is compatible with the following lightSTUDIO AW light variants: <ul style="list-style-type: none">• lightSTUDIO AW 1AW90• lightSTUDIO AW 1AW95• lightSTUDIO AW 2AW90• lightSTUDIO AW 2AW95

General description

Base dimensions (width x depth)	1310 mm x 805 mm
Height	Without lightSTUDIO AW Head: 826 mm With lightSTUDIO AW Head: 1006 mm
Weight of device	<ul style="list-style-type: none">• 16 kg without both the lightSTUDIO S/L Chart and the lightSTUDIO AW Head• 18 kg with lightSTUDIO S/L Chart and without lightSTUDIO AW Head
Scope of delivery	lightSTUDIO AW Mount <ul style="list-style-type: none">• lightSTUDIO AW Mount User manual



- lightSTUDIO AW Mount – Acceptance protocol
- Split wall
- lightSTUDIO S/L Chart

Miscellaneous

Terms & Conditions

image-engineering.de/terms-and-conditions



13 Appendix

13.1 Service addresses

For support requests, please contact us directly:
support@image-engineering.de

Europe

Image Engineering GmbH & Co KG
Im Gleisdreieck 5
50169 Kerpen

Mon-Fri: 9:00 a.m. to 5 p.m. (CET)

Tel: +49 2273 99 99 1-0

Email: info@image-engineering.de

USA

Image Engineering USA, Inc.
3079 Harrison Avenue, Suite 6
South Lake Tahoe, CA 96150

Mon-Fri: 8 a.m. to 6 p.m. (CT)

Phone: +1 408 386 1496

Email: sales@image-engineering.us

China

Shenzhen Image Engineering Optoelectronic Equipment Co, Ltd (IE China Subsidiary)

深圳艾宜光电设备有限公司 (IE中国全资子公司)

Room 1508, Chengshi Shanhai Pingji Center,
Pingxin North Road No.51, Pinghu Street,
Longgang District, Shenzhen City, China

深圳市龙岗区平湖街道平新北路51号城市山海平吉中心15楼1508室

Mon-Fri: 9 a.m. to 6 p.m. (CST)

中国子公司工作时间: 每周一至周五 上午9点-下午6点

Phone

+86 158 8961 9096

Email: leon.xiao@image-engineering.com



13.2 Spare and wear parts

The lightSTUDIO AW Mount has no wearing parts.