



# Technical Specifications

## MOBOTIX S74 Long Cable Extender

**More range. More possibilities. More efficiency.**

One camera - up to four modules - and you can move each module up to 34 m away from the camera housing. That's flexibility, redefined! So you could even monitor the ground and top floors of the Leaning Tower of Pisa with a single camera. Or line up all the spaghetti from one package. That's the distance you can cover with the MOBOTIX S74 Long Cable Extender.

- Modules can be placed up to 34 meters away from the camera housing.
- Image data transmitted between the two LCE connection boxes with up to 30 m of fiber-optic cable.
- Suitable for all S74 sensor modules (4K, 4MP Ultra LowLight, Thermal B-Series will be supported with a later camera firmware release from late Q1/22 onwards) and for the MultiSense module and IR modules.
- 30fps@4K (WDR off), 15fps@4K (WDR on).



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**MOBOTIX**

V1.00\_DRAFT, 2/28/2024, Order Code: Mx-M73

V1.10, 2/28/2024, Order Code: Mx-F-S7A-LCE

# Technical Specifications

## Type

## Mx-F-S7A-LCE

Connectors (per LCE Box)

1 MOBOTIX 7 sensor module connector (USB-C)

1 Optical interface:

Cable quality OM2 or better

Fibre 50/125  $\mu\text{m}$

Receptacle LC - LC

Transmission type Simplex

1 Electrical interface:

Power and electrical interface 6x2 for I2C (SCL, SDA), Reserved0, Reserved1, VCC, GND

AWG 24-20

Cable Diameter rigid 0,14-0,5  $\text{mm}^2$

Cable Diameter flexible 0,2-0,5  $\text{mm}^2$  (with ferrule)

Recommended cables

Optical Interface: LC-LC OM3

Electrical Interface: The wires must follow the specification as outlined above.

Max Cable Length

30 m

Connectable MOBOTIX Sensor Modules

4K, 4MP and Thermal Sensor Modules

Multisense, IR-Light (no optical link necessary)

Certificates

EN 50121-4, EN 55032, EN 55035, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 62368-1, EN 63000, AS/NZS CISPR32, 47 CFR Part 15b

IP protection class

No IP rating (indoor use only)

IK protection class

No IK rating (indoor use only)

Operating temperature range

0 to 40  $^{\circ}\text{C}$ /32 to 149  $^{\circ}\text{F}$

<b>Type</b>	<b>Mx-F-S7A-LCE</b>
Max. frame rate (fps)	Optical sensors only: 15 @ 4K WDR on 30 @ 4K WDR off
LEDs	2 Multicolor LEDs: power status (left), transmission status of optical link (right)

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