



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 MultiSense module and IR emitters
- 30fps@4K (WDR off), 15fps@4K (WDR on)

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 μm

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 mm^2

Cable Diameter flexible 0,2-0,5 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

30m

Connectable MOBOTIX Sensor Modules

4k, 4MP and Thermal Sensor Modules

Multisense, IR-Light (no optical link necessary)

IP protection class

IP66 with MOBOTIX optical fibre: Mx-A-S7A-LCE-OF30

IK protection class

Operating temperature range

-40 to 65 $^{\circ}\text{C}$ / -40 to 149 $^{\circ}\text{F}$ -10 to 50 $^{\circ}\text{C}$ / -14 to 122 $^{\circ}\text{F}$

Max. frame rate (fps)

15 @ 4k WDR on

30 @ 4k WDR off

LEDs

2 Multicolor LEDs: power status (left), transmission status of optical link (right)