



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)



BeyondHumanVision

MOBOTIX

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Type	Mx-F-S7A-LCE																
Connectors (per LCE Box)	1 MOBOTIX 7 sensor module connector (USB-C) 1 Optical interface: <table><tr><td>Cable quality</td><td>OM2 or better</td></tr><tr><td>Fibre</td><td>50/125 µm</td></tr><tr><td>Receptacle</td><td>LC - LC</td></tr><tr><td>Transmission type</td><td>Simplex</td></tr></table> 1 Electrical interface: <table><tr><td>Power and electrical inter- face</td><td>6x2 for I2C (SCL, SDA), Reserved0, Reserved1, VCC, GND</td></tr><tr><td>AWG</td><td>24-20</td></tr><tr><td>Cable Diameter rigid</td><td>0,14-0,5 mm²</td></tr><tr><td>Cable Diameter flexible</td><td>0,2-0,5 mm² (with ferrule)</td></tr></table>	Cable quality	OM2 or better	Fibre	50/125 µm	Receptacle	LC - LC	Transmission type	Simplex	Power and electrical inter- face	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)
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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																
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 °C/32 to 149 °F																

Type	Mx-F-S7A-LCE
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)

