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BECAUSE SEEING IS SOMETIMES BETTER

In the automated industrial landscape, the use of industrial image processing will increasingly become standard. Our modern camera systems are already used for many tasks, thereby significantly increasing the reliability and availability of your plant systems.

"Good products alone do not make a functioning automation system. In addition to hardware, a good deal of knowledge and experience in placement and mounting is needed. One must, for example, take into account possible sources of interference, such as light, reflections or dirt. With our extensive application know-how, we offer a variety of proven solutions."

Sven-Philipp Abraham,
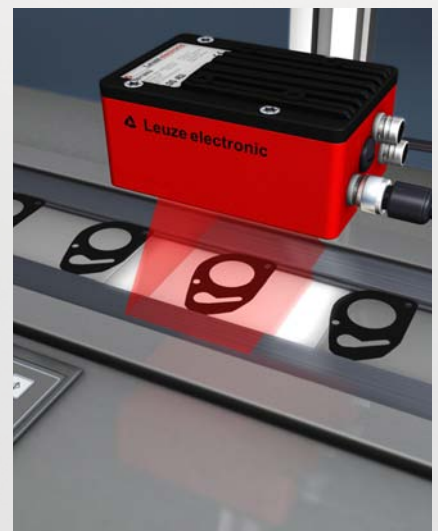Product Manager – Industrial Image Processing

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/ SMART CAMERA

THE INTELLIGENT EYE FOR AUTOMATION

LSIS 400i smart cameras for industrial image processing can be integrated quickly and at low cost. They are used in quality assurance, object detection and position determination, for identification and for production process monitoring. With their sophisticated range of features, LSIS 400i cameras can also reliably handle complex tasks.

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LSIS 412i / 462i

High-performance smart camera for reliable and convenient quality control, code reading and measurement tasks. For checking for presence, completeness, type, position and orientation. The device offers omnidirectional reading of the most important 1D-/2D-codes with reference code comparison.

Benefits:
- Degree of protection IP 65/67
- Operation via WebConfig with any standard browser
- Integrated, very homogeneous illumination over the whole field of view
- Adjustment of the illumination and focus position via software and online commands
- All interfaces (Ethernet, RS 232, 8x digital I/O) are integrated, no interfacing unit is necessary
- Simple mounting with dovetail or threaded holes

Direct access to the online product selector at **www.leuze.com/en/lsis412i_462i**

Part no.	Part description	Focal length	Optics cover	Light source	Interface	Software functions	Degree of protection	Supply voltage
50116970	LSIS 412i M43-I1	8 mm	Glass	LED, infrared	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50116969	LSIS 412i M43-I1-01	8 mm	Plastic	LED, infrared	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50116972	LSIS 412i M43-M1	8 mm	Glass	LED, RGB, white	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50116971	LSIS 412i M43-M1-01	8 mm	Plastic	LED, RGB, white	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50108177	LSIS 412i M43-W1	8 mm	Glass	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Position determination Completeness monitoring	IP 65 IP 67	18 ... 30 V, DC
50112928	LSIS 412i M43-W1-01	8 mm	Plastic	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Position determination Completeness monitoring	IP 65 IP 67	18 ... 30 V, DC
50116974	LSIS 412i M45-I1	16 mm	Glass	LED, infrared	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50116973	LSIS 412i M45-I1-01	16 mm	Plastic	LED, infrared	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50116976	LSIS 412i M45-M1	16 mm	Glass	LED, RGB, white	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50116975	LSIS 412i M45-M1-01	16 mm	Plastic	LED, RGB, white	Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50108990	LSIS 412i M45-W1	16 mm	Glass	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Position determination Completeness monitoring	IP 65 IP 67	18 ... 30 V, DC
50112929	LSIS 412i M45-W1-01	16 mm	Plastic	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Position determination Completeness monitoring	IP 65 IP 67	18 ... 30 V, DC
50117094	LSIS 412i M49-X9		Glass		Ethernet, RS 232	Completeness monitoring Dimension monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC
50121148	LSIS 412i M49-X9-01		Plastic		Ethernet, RS 232	Dimension monitoring Completeness monitoring Presence monitoring Position determination	IP 65 IP 67	18 ... 30 V, DC

With the LSIS 4xxi…X9, the focal length depends on the used lens

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PRODUCT//

On the online product detail page you will find: **245**
Matching / necessary accessories, 3D-CAD models, data sheets and **much more.**

Part no.	Part description	Focal length	Optics cover	Light source	Interface	Software functions	Degree of protection	Supply voltage
50116986	LSIS 462i M43-I1	8 mm	Glass	LED, infrared	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50116985	LSIS 462i M43-I1-01	8 mm	Plastic	LED, infrared	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50116988	LSIS 462i M43-M1	8 mm	Glass	LED, RGB, white	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50116987	LSIS 462i M43-M1-01	8 mm	Plastic	LED, RGB, white	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50113053	LSIS 462i M43-W1	8 mm	Glass	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Reading of 1D codes Reading of 2D codes Position determination Completeness monitoring Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50113052	LSIS 462i M43-W1-01	8 mm	Plastic	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Reading of 1D codes Reading of 2D codes Position determination Completeness monitoring Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50116990	LSIS 462i M45-I1	16 mm	Glass	LED, infrared	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50116989	LSIS 462i M45-I1-01	16 mm	Plastic	LED, infrared	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50116992	LSIS 462i M45-M1	16 mm	Glass	LED, RGB, white	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50116991	LSIS 462i M45-M1-01	16 mm	Plastic	LED, RGB, white	Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50113051	LSIS 462i M45-W1	16 mm	Glass	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Reading of 1D codes Reading of 2D codes Position determination Completeness monitoring Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50113037	LSIS 462i M45-W1-01	16 mm	Plastic	LED, white	Ethernet, RS 232	Presence monitoring Dimension monitoring Reading of 1D codes Reading of 2D codes Position determination Completeness monitoring Measuring tool	IP 65 IP 67	18 ... 30 V, DC
50117091	LSIS 462i M49-X9		Glass		Ethernet, RS 232	Position determination Presence monitoring Completeness monitoring Reading of 1D codes Dimension monitoring Reading of 2D codes Measuring tool	IP 65 IP 67	18 ... 30 V, DC

With the LSIS 4xxi…X9, the focal length depends on the used lens

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