

OPTXI41LTF20T090 Cut Sheet



Optris Xi 410 LT infrared thermal camera, -20 to +900 °C, 8–14 µm spectral range, 350mm minimum operating distance, 18 x 12 deg fixed viewing angle, 5–30 VDC operating voltage, IP67, NEMA 4. PoE adapter cable and USB adapter cable included.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/OPTXI41LTF20T090>

Technical Specifications

Brand	Optris
Item	Thermal camera
Sensor Type	Infrared
Series	Xi 410 LT
Media Type	Liquid, water, oil, chemicals and bulk solids
Application	Non-metallic/general purpose
Temperature Sensing Range	-20 to +900 °C
Spectral Range	8–14 µm
Number of Analog Output Channels	1
Output	0–20 mA or 4–20 mA
Response Time	Ethernet: 25 Hz, USB: 4 Hz, autonomous: 1.5 Hz
Operating Distance	350mm minimum
Focus Type	Manual
Viewing Angle	18 x 12 deg fixed
Resolution	384 x 240
Number of Analog Input Channels	1

Input	0–10 VDC
Operating Voltage	5–30 VDC
Operating Temperature	0–50 °C
Communication Port and Connection Type(s)	• (1) 8-pin (RJ45 10/100Base-T PoE or USB A via adapters) • (1) 5-pin (power and analog I/O or RS-485)
Port Protocol(s)	• Modbus RTU Slave • programming and monitoring
Port Speed(s)	• up to 115.2k baud • 100 Mbps
Mounting	M30x1 threaded end
Housing Material	Stainless steel
IP Rating	IP67
NEMA Rating	4
Includes	PoE adapter cable and USB adapter cable
Programming Software	OPTRIS-PIX-CONNECT configuration and monitoring software

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/OPTXI41LTF20T090.pdf>
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