

CorDEX

The **MN4100** Dualvision, Automation Imager, provides **thermal imaging** capability to new or existing control systems.

FEATURES



Measurement accuracy of +2°/2% from -10 to +120c



Compact and lightweight, measuring 120 x 70 x 70mm



On-board web server for point-to-point communication

CorDEX reserve the right to make changes to the instrument at anytime and without notice.



Small and light enough to be picked up with two fingers, the **MN4100** Dual Vision, Automation Imager, provides thermal imaging capability to new or existing control systems. With diverse applications, ranging from plant automation, security, home automation and marine, **MN4100** is the flexible choice when it comes to compact thermal imagers.

Designed for control and automation applications, **MN4100** comprises a dual vision; Thermal and Visual sensor package providing up to 4800 measurement points along with alarms and configuration information via Modbus/TCP. Compact and lightweight, **MN4100** is simple to mount via its M6x4 boss on the base and is ideal for hard-to-reach locations where manual surveys cant cover. With a standard measurement range of -10 to +120C (14 to 248F), **MN4100** is the low cost solution for your infrared automation needs. PLC enabled using Modbus/TCP, **MN4100**, give your existing plant network a dual vision capability by efficiently utilising the processing power of your existing controllers.

Incorporating on-board grid alarms, web server and PLC interface plus dedicated MONITIR software MN4100 helps you prevent unwanted outages and equipment failure without the need for costly manual surveys.



Imaging Performance

Infrared Resolution	80x60 pixels (4800 measuring points)
Measurement Range	Fixed
Accuracy	+/-2C or +/-2%
Visual Resolution	640x480 pixels
Dual Vision Field of View	Field of View (FOV): 63°Diagonal
Illumination	LED Flash (800 Lumens)
Visual Sensitivity	1.0 LUX without illuminator
Image Capture Frequency	1hz
Data Capture Frequency	9hz

Power & Communications

Power supply	12/24VDC (2W, 3Wpeak)
Power Input Range	11VDC to 30VDC
Power Connector	3.81mm plug (3-pin) For: Vin, Vchassis, GND
Communications	MODBUS/TCP
Ethernet Connector Type	RJ45
Ethernet	IEEE802.3, 10/100Mbps

Mechanical

Panel (Diameter x D)	130mm x 45mm
Surveillance (L x W x D)	120mm x 70mm x 70mm
Weight	300g

Environmental

Operating Range	0C to 40C
Storage Range	-40C to 80C
EMC (Radiated, Conducted)	2.8 inches
IP Rating	IP54

FOR PRODUCT INFORMATION AND TO PLACE AN ORDER CONTACT:

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Once installed, the camera package can be removed and replaced whilst live.



Dual mode imaging; thermal and visual, plus LED flash.

FEATURED PRODUCT

MONITOR MN4000
PANEL MOUNTED
THERMAL IMAGER

