Mx-O-SMA-TP-R079-b

Mx-O-SMA-TP-R079-b Technical Detail

Download Area

Drilling Template SensorModule Thermal
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Thermal Sensor
EN DE

End user statement thermografic cameras
EN

Mx_NT_Export-Regulations-Thermal.pdf
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REACH Declaration
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Overall

Product Designation

PTMount-Thermal TR For S16/S15, 50 mK, B079 (45°), Black

Mx Ordercode

Mx-O-SMA-TP-R079-b

Intro Product

PTMount-Thermal TR for the S16/S15 • Thermal radiometry (TR): calibrated thermal sensor for temperature events from -40 to 550 °C (-40 to 1022°F) • NETD typ. 50 mK, <79 mK, IR range 7.5 to 13.5 micrometer, uncooled micro bolometer, up to 9 frames per second • Germanium Lens (2 m/6.6 ft, included): B079 equivalent, horizontal/vertical image angle 45°/32° • Image size: 336 x 252 pixels (can be scaled up to 6MP) • pixel pitch 0,017mm (17µm) • IP66, -30 to 60°C (-22 to 140°F) • Camera connection via MOBOTIX sensor cable (2 m/6.6 ft, included) • Color: Black

Housing Color

black

Technical Data

Compatibility

S15D, S16

LensType

Germanium lens; can be optionally equipped with a second optical 6MP sensor module (day/color or night/black and white to be ordered separately for easy self-assembly)

Image Angle horizontal

45°

Image Angle vertical

32°

Focal Length

equivalent to B079 Optics

Max. Frame Rate

9 frames per second (fps) for thermal images, Thermal Overlay and dual images (thermal & optical)

Max. Image Size

Image size: 336 x 252 pixels (can be scaled up to 6MP)

Camera Optics

Thermal

Light Sensitivity

Typ. 50 mK, < 79 mK (50 mK is equal to temperature changes of 0,05°C), pixel pitch 0,017mm (17µm) at 336 x 256 pixel

Special Instructions

Instructions

Thermal cameras are subject to special export regulations