CAMERA MODULES



Camera Modules



THE R200 ENCLOSURE

KEY FEATURES



HIGH-SPEED DATA



ADVANCED IMAGE PROCESSING

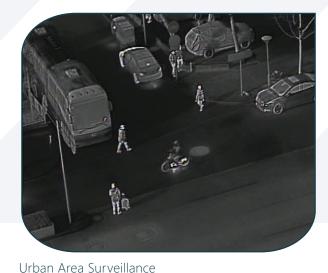


HARDWARE MODULARITY

Light, robust, and easy to operate, the Camera Module line from Telops is specifically designed for integration into complex optical systems. Available in MWIR or LWIR spectral bands, the Telops Camera Module line allows for the acquisition of highly contrasted images in a wide variety of applications including process control, monitoring thermal behavior of manufactured parts, or surveillance and reconnaissance measurements.

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Camera Modules





Urban Area Surveillance

SPECIFICATIONS	R200 M	R200 L
Detector Type	MCT	МСТ
Spectral Range	3.7 μm to 4.8 μm (1.5 μm to 5 μm F/3 optional)	7.7 μm to 9.3 μm
Spatial Resolution	640 x 512 pixels	640 x 512 pixels
Detector Pitch	15 µm	15 µm
Aperture Size	F/2 or F/4	F/2
Frame Rate	Tunable, max 210 Hz	Tunable, max 230 Hz
Typical NETD	< 25 mK	< 25 mK
Cooler MTBF	10 000 hrs	10 000 hrs
Weight without Enclosure	4 kg	4 kg
Lens Mount	Bayonet	Bayonet

INCLUDES

Real-time data output: RAW, NUC, temperature Camera control: GigE, Camera LinkTM,

RS232 (command line only)

Data transfer: GigE (frame rate limitations may apply),

Camera LinkTM

Digital video output: HD-SDI

Customer calibration management tools

Advanced triggering functionalities

Real-time processing (RTP-NUC)

Telops Automatice Exposure Control (AEC)

OPTIONS

24 VDC Power Supply

Camera LinkTM frame grabber board

3-m Camera LinkTM cable

Motorized filter wheel (4-position), user-removable 25.4-mm diameter filters, up to 2-mm maximum thickness

DELIVERABLES

Command & Control S/W

Optical head

Documentation and ICD

sales@telops.com



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