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1.25X Objective, 35mm WD

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InfinitiTube FM-200 (1X), #58-310



Stock **#88-935** 1 In Stock

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1

+

S\$392^{.00}

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General

Lens Accessory	Type:
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Optical Properties

1.25X	Primary Magnification PMAG:
35.00	Working Distance (mm):

Sensor	Location	Frequency	Resolution	Accuracy	Power	Cost	Notes
Temperature	Room	1 Hz	0.1°C	±0.5°C	Low	Low	Standard sensor
Humidity	Room	1 Hz	1% RH	±2% RH	Low	Low	Standard sensor
Pressure	Room	1 Hz	0.1 hPa	±0.5 hPa	Low	Low	Standard sensor
Light	Room	1 Hz	0.1 lux	±5% lux	Low	Low	Standard sensor
Sound	Room	1 Hz	0.1 dB	±1 dB	Low	Low	Standard sensor
Proximity	Room	1 Hz	0.1 m	±0.1 m	Low	Low	Standard sensor
Accelerometer	Room	1 Hz	0.1 g	±0.1 g	Low	Low	Standard sensor
Gyroscope	Room	1 Hz	0.1°/s	±0.1°/s	Low	Low	Standard sensor
Magnetometer	Room	1 Hz	0.1 μT	±0.1 μT	Low	Low	Standard sensor
Barometer	Room	1 Hz	0.1 hPa	±0.5 hPa	Low	Low	Standard sensor
Thermal Camera	Room	1 Hz	0.1°C	±0.5°C	High	High	Advanced sensor
LiDAR	Room	1 Hz	0.1 m	±0.1 m	High	High	Advanced sensor
ToF Camera	Room	1 Hz	0.1 m	±0.1 m	High	High	Advanced sensor
RGB Camera	Room	1 Hz	0.1 m	±0.1 m	High	High	Advanced sensor
Microphone Array	Room	1 Hz	0.1 dB	±1 dB	Low	Low	Standard sensor
Ultrasonic Sensor	Room	1 Hz	0.1 m	±0.1 m	Low	Low	Standard sensor
Infrared Sensor	Room	1 Hz	0.1 m	±0.1 m	Low	Low	Standard sensor
Gas Sensor	Room	1 Hz	0.1 ppm	±5% ppm	Low	Low	Standard sensor
Smoke Sensor	Room	1 Hz	0.1 ppm	±5% ppm	Low	Low	Standard sensor
Water Level Sensor	Room	1 Hz	0.1 cm	±0.1 cm	Low	Low	Standard sensor
Flow Sensor	Room	1 Hz	0.1 L/min	±0.1 L/min	Low	Low	Standard sensor
Pressure Sensor	Room	1 Hz	0.1 hPa	±0.5 hPa	Low	Low	Standard sensor
Temperature Sensor	Room	1 Hz	0.1°C	±0.5°C	Low	Low	Standard sensor
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Infrared Sensor	Room	1 Hz	0.1 m	±0.1 m			

1/2"	Maximum Sensor Format:
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RoHS 2015:

Reach 224:

[View](#) Certificate of Conformance:

- Direct to Video C-Mount for 2/3" and Smaller Sensor Cameras
- Internal Focusing

InfiniTube™ FMSystems are used to mount infinite-conjugate objectives to C-mount cameras, yielding magnifications not possible with ordinary video lenses, such as 50X magnification. The InfiniTube™ system can be configured in a variety of fashions. It can be utilized alone (InfiniTube™ [#58-310](#) or [#58-309](#)) for applications where illumination is provided from another source such as a backlight or directional illumination. The InfiniTube™ FMSystems can also be configured for in-line illumination with attachments. The first in-line attachment ([#58-313](#)) has been designed for high performance with objectives having a magnification of 10X or below and is not suggested for use with higher magnification objectives. The second in-line attachment ([#58-312](#)) has been designed to work with increased efficiency when used with magnifications of 10X or higher, but can be utilized with all magnifications. All in-line attachments accept our [Fiber Optic Light Guides](#) with a 0.312" tip diameter.

Note: [Standard system](#) for 2/3" sensors still available.

Technical Information



System Includes		Stock No.
InfiniTube In-Line Assembly Unit		#58-311
Hitachi KP-D20B Camera		#55-837
15.1" Diagonal LCD Monitor (US version only)		#56-522
Y-C Cable (6 ft.)		#39-255
Mitutoyo/Achrovid™ Objective Adapter		#58-316
MI-150 Fiber Optic Illuminator		#55-718
Fiber Optic Light Guide (48" L)		#39-367
Fiber Optic Adapter		#38-944
Standard Boom Stand		#54-120
Rack & Pinion Mounting Plate		#54-123
C-Clamp with 1/4-20 Mounting Hole		#57-788