

THERMAL IMAGING DEVICES

QUANTUM HD38A PL77323

- 384x288 resolution with 30hz refresh rate
- Up to 1,000 yd detection range
- "White hot" or "Black hot" modes
- LCD Display
- Video out
- Quick start-up
- Lightweight and compact dimensions

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TECHNICAL SPECIFICATIONS

Quantum HD38A -PL77323

Frame rate, Hz30Microbolometer resolution, pixels384x288Sensor responseLWIRSpectral sensitivity, µm7.713.2Pixel pitch, µm25Display typeLCD DisplayDisplay typeLCD DisplayDisplay resolution, pix640x480Video outputPAL/NTSCPin type of video input/outputJack 3.5 mmOperation modescity,forest,identificationDefective pixet repair optionyesMagnification, x2-4Digital zoom, x2Lens diameter, mm32Lens focus, mm38Retative aperture, D/f'1:1.2Field of view, °, horizontal * vertical14.2 x 10.8Wertical20Minimum focusing distance, m3Sig type of distanceinternalRange of detection, m / yd920/1000Power supply, V4 ÷ 6Battery type4xAABattery tife, hour5.5External power supplyDC 8.4 ÷ 15Lens materialgermaniumBody materialglass-nylon compositeTripod mount, inch2x1/4Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59Weight (without batteries), oz12.3		
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Field of view, °, horizontal * vertical14.2 x 10.8Field of view, m@100m, horizon- tal * vertical25 x 19Minimum focusing distance, m3Eye relief, mm20Exit pupil, mm5Diopter adjustment, dptr.± 5Focusing type of distanceinternalRange of detection, m / yd920/1000Power supply, V4 ÷ 6Battery type4xAABattery life, hour5.5External power supplyDC 8.4 ÷ 15Lens materialgermaniumBody materialglass-nylon compositeTripod mount, inch2x1/4Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	Lens focus, mm	38
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Eye relief, mm20Exit pupil, mm5Diopter adjustment, dptr.± 5Focusing type of distanceinternalRange of detection, m / yd920/1000Power supply, V4 ÷ 6Battery type4xAABattery tife, hour5.5External power supplyDC 8.4 ÷ 15Lens materialgermaniumBody materialglass-nylon compositeTripod mount, inch2x1/4Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59		
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Range of detection, m / yd920/1000Power supply, V4 ÷ 6Battery type4xAABattery life, hour5.5External power supplyDC 8.4 ÷ 15Lens materialgermaniumBody materialglass-nylon compositeTripod mount, inch2x1/4Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	Diopter adjustment, dptr.	± 5
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Battery type4xAABattery life, hour5.5External power supplyDC 8.4 ÷ 15Lens materialgermaniumBody materialglass-nylon compositeTripod mount, inch2x1/4Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	Range of detection, m / yd	920/1000
Battery life, hour5.5External power supplyDC 8.4 ÷ 15Lens materialgermaniumBody materialglass-nylon compositeTripod mount, inch2x1/4Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	Power supply, V	4 ÷ 6
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Body materialglass-nylon compositeTripod mount, inch2x1/4Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	External power supply	DC 8.4 ÷ 15
Tripod mount, inch $2x1/4$ Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	Lens material	germanium
Type of mount for additional accessoriesweaverOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	Body material	glass-nylon composite
accessoriesOperating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4CalibrationDimensions, mm200x86x59	Tripod mount, inch	2x1/4
Operating temperature, °C/°F-15 to 50 / 5 to 122Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59		weaver
Degree of protectionIPX4Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59		
Calibrationmanual, automatic, semi-autoDimensions, mm200x86x59	Operating temperature, °C/°F	-15 to 50 / 5 to 122
Dimensions, mm 200x86x59	Degree of protection	IPX4
	Calibration	manual, automatic, semi-auto
Weight (without batteries), oz 12.3	Dimensions, mm	200x86x59
	Weight (without batteries), oz	12.3

INCLUDED ACCESSORIES

- Carrying Case
- Output video cable
- Hand strap
- Car adapter
- Battery container
- Lens cleaning cloth

