

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

ADIMEC-1000m

Real time, digital 1-Megapixel monochrome camera for fast machine vision applications

- *1004 x 1004 pixels with up to 50 progressive images per second*
- *Full a-synchronous image capture with programmable partial scan*
- *Small outline & low power consumption*
- *Unparalleled image quality*



CAMERA Link

Member of a fully compatible product family sharing a common mechanical, optical, hardware and software interface



Adimec-1600m
1600x1200@34fps



Adimec-2000m
1920x1080@32fps



Adimec-4000m
2048x2048@16fps



Adimec-4020m
2048x2048@16fps

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ADIMEC-1000m

Adimec is a prominent international supplier of high performance video cameras for use in machine vision, medical and military applications. Adimec targets OEM companies with a leading position in their market that consider performance and reliability of the product and the supplier to be critically important.
Adimec has over ten years experience translating demanding customer requirements into innovative, reliable and high performance camera products.

Our mission is to provide superior camera products to companies around the world that view image quality and product reliability as essential to their applications.

FEATURES

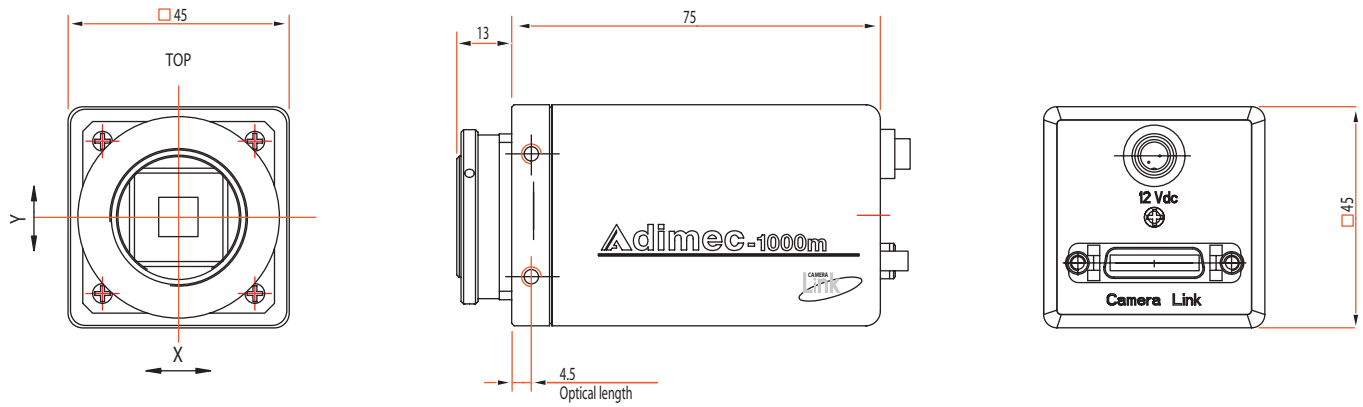
- 1004 x 1004 with 7.4 µm square pixels
- Interline CCD with microlenses with high Blue and NIR response
- Very stable and accurate sensor mounting
- High frame rate
- Excellent channel matching characteristics
- Continuous or asynchronous operation
- Partial scan
- Built-in test signal generator
- Camera Link interface
- Small outline & low power consumption
- High product reliability through rugged design

APPLICATIONS

- Semiconductor inspection
- Electronics manufacturing
- 2D & 3D metrology

SPECIFICATIONS

Resolution, pixel size	1004 x 1004, 7.4 um square pixels
Frame rate @ full resolution	Adimec-1000m/S, up to 30 progressive fps via a single tap output Adimec-1000m/D, up to 50 progressive fps via dual tap
Partial scan	120 fps at 128 x 1004 (max speed at min. size)
Sensitivity @ 33 ms 100% video	1x Gain 5.5 Lux 8x Gain 0.69 Lux
Spectral Response	350 nm 30%, 500 nm 44%, 700 nm 21%
Dynamic range	> 60 dB
Gain range	1, 2, 4 or 8 times
MTF	50% contrast @ 67 lp/mm (limiting resolution)
Power input range, dissipation	< 5 W @10.5 to14 Vdc input
Data format (single/dual channel, 8 & 10 bit, 40 MHz)	CameraLink, Base configuration@CameraLink spec 1.0
Lens mount	Adjustable C- mount, other mounts on request
Size	45 mm x 45 mm x 75 mm
Weight	185 grams
Operating temperature range	-10°C to + 40°C
Shock	10 g, half sine shape, 6-10 ms duration
Vibration	3 g, sinusoidal vibration sweeps 5-150 Hz
Compliance CE/UL	CE compliant



ADIMEC:

Adimec is a leading worldwide supplier of high performance, innovative, and reliable camera products for use in:

- Machine Vision
- Medical Imaging
- Military Targeting and Observation

Adimec's mission is to serve leading OEM's around the world who view quality and reliability as essential to their success.

Contact us today to find out why top corporations rely on Adimec.

Visit our website: www.adimec.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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