

// CAMTASTIC G1 - QUICK START YOUR APPLICATION

Reliability and precision in sugarcube format



PRELIMINARY

The Power of Possibility

The Camtastic GigE cameras deliver superior machine vision performance through a leading GigE Vision platform, ensuring seamless integration and rapid design-in within a comprehensive GigE ecosystem. Engineered for reliability and precision, it provides exceptional image quality, delivering increased resolution at higher frame rates. The device mitigates supply chain risks with a new FPGA platform that guarantees no delivery shortages, offering a cost-effective alternative. Thermal efficiency is maximized through a specialized housing and electronics design optimized for superior cooling, significantly reducing heat output and noise.

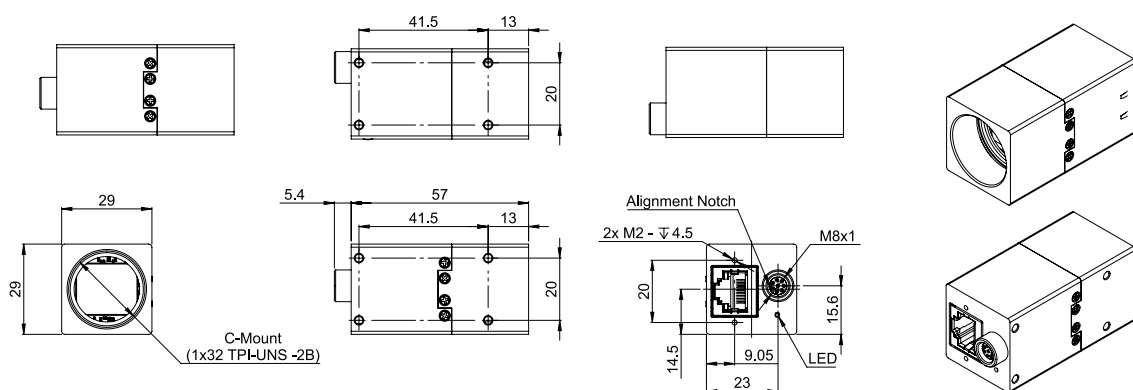
The architecture is prepared for high-speed interfaces in sugarcube format, ensuring future scalability. The solution functions within a unified ecosystem, featuring compatible Allied Vision lenses and NICs for streamlined deployment. Ideal applications include factory automation, logistics, robotics, and medical applications.

Key facts

- // Sugarcube-format housing with advanced heat cooling
- // No image-loss
- // Removeable filter glass design & dust reduction
- // Advanced trigger and image-processing features
- // Vibration resistant
- // Compatible Allied Vision lenses, cables, and GigE Network Interface Cards available

Camera model	Sensor	Resolution	Interface	Shutter mode	Chroma
Camtastic G1-i565	Sony IMX565 CMOS	4096 × 3000 ; 12.28 MP	1 GigE	Global	m/c
Camtastic G1-i566	Sony IMX566 CMOS	2840 × 2840 ; 8.06 MP	1 GigE	Global	m/c
Camtastic G1-i568	Sony IMX568 CMOS	2448 × 2048 ; 5.01 MP	1 GigE	Global	m/c

2D Drawing and dimensions



How Camtastic! - There is more to come.

Camtastic G1 is more than a new camera. It is the starting point for a complete new camera platform. The new platform will cover all relevant and new sensors that are coming to market. The next step will be a CXP-12 interface allowing higher bandwidth transmission and complex imaging systems.

Ready for



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