



Quazar

POWERED BY BOULDER IMAGING

Boulder Imaging's QUAZAR is a high-performance digital video recording, processing, and analysis solution that makes engineering and scientific observation, measurement, and review of critical events possible in real time.

Designed with a flexible and extensive plug-in architecture, QUAZAR supports a wide range of optional modules for image processing (e.g.: non-uniformity correction; contrast enhancement; noise reduction; exposure control; instrumentation feedback control) as well as for machine vision applications (e.g.: feature detection and measurement; object tracking; defect detection).

Windows 10 pro enabled QUAZAR available

- 🔍 Multicast GigE Vision streaming of camera inputs while simultaneously recording
- 🔍 Continuous recording with speeds between 100MB and 3GB per second to disk
- 🔍 Achieve complete control of your system with fully flexible software
- 🔍 Flexible architecture for adaptable processing and image analysis
- 🔍 Support for simultaneous acquisition from more than 16 cameras
- 🔍 Enhanced Remote-Control API, including streaming control
- 🔍 Simultaneous data acquisition and high-speed data offload
- 🔍 Circular buffer recording options to maintain disk space
- 🔍 Multi-input uncompressed video recording
- 🔍 Flexible and extensive plug-in architecture
- 🔍 Smaller, lighter, faster, and more secure
- 🔍 Solid state drive implementation
- 🔍 Small form factor
- 🔍 Sensor agnostic





Miniaturized form factors up to 90 percent smaller size than standard 3U server technology



QUAZAR can be modified to meet customer's specific needs.

Input Source Support

- GigE Vision
- CoaXpress
- LVDS
- S-Video
- HDI, HD-SDI
- 3G-SDI
- System clock
- CCIR
- Hotlink
- Camera link
- RS422
- NTSC, PAL, RS170
- DVI, VGA, YPbPr
- Audio, TTL, Serial
- TCP, UDP
- IRIG, GPS
- 10Gb & 40Gb ENET



**BOULDER
IMAGING**

INSPECT THE UNEXPECTED™

Boulder Imaging was formed 20 years ago with the launch of QUAZAR. The industry success achieved with QUAZAR formed the foundation from which Boulder Imaging launched the Vision Inspector suite of machine vision software. Vision Inspector is now utilized 24/7 in a multitude of industries and environments to provide machine vision inspection solutions for unique client problems.

Superior customer service and project delivery

While we are proud of our technology, we are also passionate about customer care. Our staff is composed of the industry's most experienced software, optical, and mechanical engineers. Further complemented by highly qualified, versatile, and experienced project managers, consultants, relationship managers, analysts, and professionals, our staff acts as an extension of your team to help you every step of the way.

To learn more, visit our webpage at www.boulderimaging.com or email us at sales@boulderimaging.com