Break the speed limit.

With GigE Vision® 3.0 over RDMA

10 GigE VISION **100** GigE VISION

+ RDMA

Take your applications to a new performance level

With RDMA, GigE Vision® cameras can now also be used for the most demanding applications. The scalability ranges from 10 GigE single cameras to large multi-camera systems with several 100 Gbit/s. Proven and affordable standard network components can be used. You also benefit from low CPU utilization and high reliability.

Discover your advantages

Fast
- 10 to 100 GigE interface enables higher accuracy and more throughput
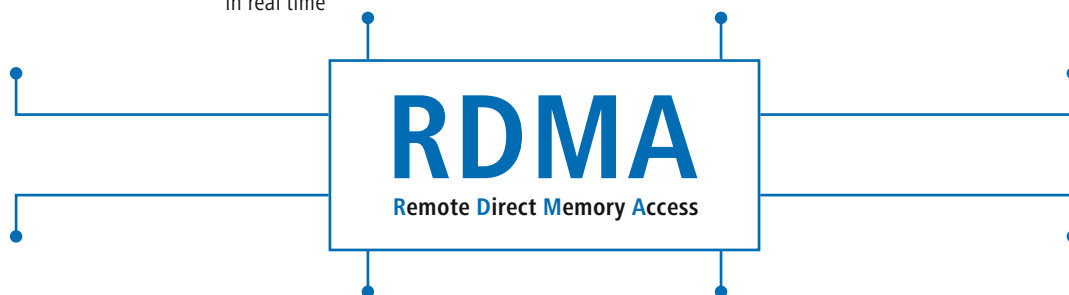
Reliable
- No image errors thanks to integrated error correction in real time

Efficient
- Very low CPU load for high-performance image processing

Cost-effective
- RDMA network cards with very attractive price-/performance ratio

RDMA
Remote Direct Memory Access

Proven
- RDMA is used in data centers with network cards from renowned manufacturers worldwide

Scalable
- Very large multi-camera systems can be implemented via switch with several 100 Gbit/s

Ease of use
- Directly supported by leading software providers for fast integration

Future-proof
- 400 GbE network cards and switches already available

Model [1]	Mono | Color	Sensor type	Sensor	Resolution [px]	Full frames [fps]
VLXT-55.I	M | C	1/1.8" CMOS	IMX537	2464 × 2048	243
VLXT-81.I	M | C	2/3" CMOS	IMX536	2848 × 2832	150
VLXT-83UV.I	UV	2/3" CMOS	IMX487	2848 × 2832	150
VLXT-126.I	M | C	1/1.1" CMOS	IMX535	4096 × 2992	100
VLXT-240.I	M | C	4/3" CMOS	IMX530	5312 × 4600	50
VQXF-240.D [2]	M | —	4/3" CMOS	IMX530	5328 × 4608	101

Accessories	Order no.
10 GigE Dual Port PCIe network card	11728870
100 GigE Dual Port PCIe network card	11730625
Cables (different variants)	See product page

[1] VLXT models: Firmware update required to use RDMA [2] Dual-head camera, available Q1/2025

Baumer
Passion for Sensors

More information:
www.baumer.com/RDMA