

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

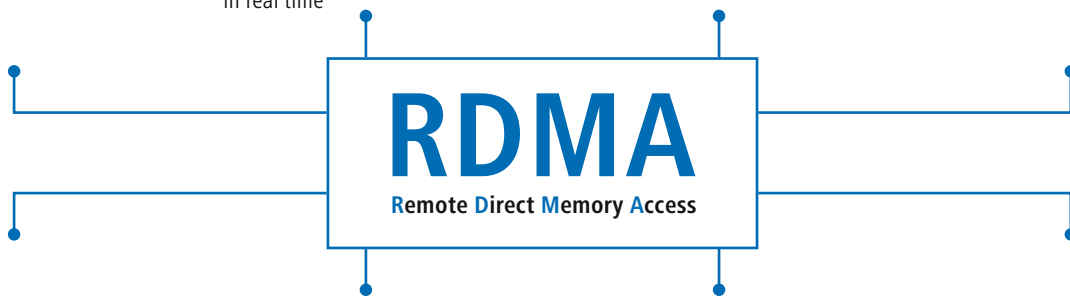
- No image errors thanks to integrated error correction in real time

Efficient

- Very low CPU load for high-performance image processing

Cost-effective

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



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] | Accessories | Order no. |
|--------------------------|--------------|-------------|--------|-----------------|-------------------|--------------------------------------|------------------|
| VLXT-55.I | M C | 1/1.8" CMOS | IMX537 | 2464 × 2048 | 243 | 10 GigE Dual Port PCIe network card | 11728870 |
| VLXT-81.I | M C | 2/3" CMOS | IMX536 | 2848 × 2832 | 150 | 100 GigE Dual Port PCIe network card | 11730625 |
| VLXT-83UV.I | UV | 2/3" CMOS | IMX487 | 2848 × 2832 | 150 | Cables (different variants) | See product page |
| VLXT-126.I | M C | 1/1.1" CMOS | IMX535 | 4096 × 2992 | 100 | | |
| VLXT-240.I | – C | 4/3" CMOS | IMX530 | 5312 × 4600 | 50 | | |
| VQXF-240.D ²⁾ | M – | 4/3" CMOS | IMX530 | 5328 × 4608 | 101 | | |

¹⁾ VLXT models: Firmware update required to use RDMA

²⁾ Dual-head camera, available Q4/2024

