

# Teledyne Dalsa Xcelera-CL LX1 Frame Grabber

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#### General

OR-X1C0-XLB00 **Model Number:**  
Teledyne DALSA **Manufacturer:**

#### Sensor

Not Specified **Image Buffer:**  
8, 10, 12, 14 and 16-bit/pixel **Pixel Depth:**

## Hardware & Interface Connectivity

Camera Link **Interface:**

PCIe Gen1 x1 slot **Computer Interface:**

Up to 10-taps **Ports:**

## Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

## Product Details

- High Data Throughput with Reliable, Low-Latency Image Transfer
- Minimizes CPU Usage and Improves Processing Times
- High Performance for Camera Link®, Camera Link® HS, GigE, and CoaXPress® Interface Standards

Teledyne DALSA Frame Grabbers provide high-performance image acquisition solutions for demanding machine vision and industrial imaging applications. Designed to support a wide range of camera interface standards and data rates, these frame grabbers deliver reliable, high-bandwidth image transfer with low latency. Advanced onboard processing capabilities and robust driver support simplify system integration while maximizing throughput. Teledyne DALSA Frame Grabbers are engineered for seamless compatibility with cameras from a wide range of manufacturers, enabling flexible deployment across diverse imaging platforms. With scalable configurations optimized for Camera Link, Camera Link HS, GigE, CoaXPress, and other leading interfaces, they provide an ideal solution for high-speed, high-resolution imaging environments. Frame Grabbers are specialized capture boards focused on capturing individual, high-resolution, or non-standard frames for machine vision applications.