



# Datasheet

## Predator II Single CoaXPress Thunderbolt

### Predator II Single CoaXPress Thunderbolt Single CXP-6 Frame Grabber

Predator II Single CoaXPress Thunderbolt はポータブルに持ち運べるCoaXPress CXP-6シングルchフレームグラバです。PCのThunderbolt 3ポートに直接接続して使用します。構成としてはKY-FGP-II-M.2を市販のTB3対応SSDケースに装着したものです。営業の客先でのデモなどの用途にご検討ください。  
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KAYA Instruments is a global leader in commercial, industrial and rugged cameras and imaging system solutions, providing high-performance products for over 15 years. Founded in 2010 by industry experts, KAYA Instruments designs, manufactures and supports both COTS and custom products for high-performance imaging needs.

KAYA Instruments Frame Grabbers offer advanced features such as real-time image processing, DMA engine optimization and flexible frame buffer configurations, providing unparalleled flexibility for developers and integrators. Fully compatible with leading software platforms, they also include an intuitive, easy-to-use SDK to simplify integration and accelerate deployment across diverse industries, including industrial automation, medical imaging, and aerospace. Whether designing a cutting-edge vision system or enhancing existing workflows, KAYA Instruments Frame Grabbers deliver the performance, scalability, and reliability required for the most demanding imaging tasks.

### Key Features:

- Single CoaXPress link support
- Thunderbolt 3
- PCIe 2.0 x2 bus
- 512 MB DDR3 frame buffer
- Camera controls and triggers
- Link Status LED indication
- CoaXPress v2.1 compliant
- Power over CoaXPress with 13 W per link
- Multiple camera synchronization
- Multiple Frame Grabbers synchronization
- Micro-BNC connectors for CoaXPress links
- GUI Interface
- Supporting Windows, Linux OS and Nvidia Jetpack
- API for custom application development
- Plug-in modules for Matlab, HALCON, Cognex and Labview
- Gen<i>i</i>Cam compliant
- GenTL support
- Data rates up to 6.25 Gbps per link
- Transfer rates of up to 850 MB/s