

Bonito PRO – High-speed data transfer



The Bonito PRO is Allied Vision's brand new high-bandwidth camera series with a CoaXPress interface. Equipped with four DIN 1.0/2.3 connectors the camera is capable to transmit 25 Gbps via quad CXP-6 high-speed connections. Bonito Pro features a rugged, fanless housing design, and powerful feature set – making it the ideal choice for high-definition imaging applications that require high throughput, robustness, and system design-in flexibility.

Key Facts

- // High-bandwidth imaging
- // Advanced feature set including Sequencer Control and Multi-ROI
- // NIR variants available
- // Power over CoaXPress (PoCXP)
- // Resolution up to 26.2 Megapixels
- // Extended operating temperature range: -20° C to +70° C (housing)
- // Dimensions (including connectors and default mount) L x W x H in mm
114.9 x 70 x 70
- // Maximum optical format: APS-H
- // Inputs/ Outputs
1 in / 2 out (TTL), 1 in / 2 out (opto-isolated)

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Camera model	Sensor	Mega-pixels	Resolution	Sensor type	Shutter	Max. frame rate in fps	Pixel size in µm	Standard mount	Mono/color/NIR variant
X-1250	ON Semi PYTHON 12K	12.5	4096 x 3072	CMOS	Global	142.6	4.5 x 4.5	F-Mount	• / • / •
X-2620	ON Semi PYTHON 25K	26.2	5120 x 5120	CMOS	Global	79.7	4.5 x 4.5	F-Mount	• / • / •

Modular concept

// F-Mount, F-Mount PA, EF-Mount PA, M42-Mount, M42-Mount PA, M58-Mount, M58-Mount PA, Various optical filters

