

CoaXPRESS Series

Information

- The CoaXPRESS Series has rich lineup all the advantages of the CLISBee series.
- These cameras have high speed, low noise, high sensitivity, further have the latest intelligent functions simplifying the role of the grabber board.
- New CoaXPRESS lineup delivers high data rates and realtime triggering functions over long, cost-efficient cabling.
- The days of being restricted to 10 meters of cable length are over!



Features

- High speed Data Rate : Max. 6.25 Gbit/s (In use, single coaxial cable), Max. 25 Gbit/s (In use, 4 cables)
- Long cable capability (up to 130m for 1.25 Gbps without repeaters)
- Video data, Camera control, GPIO, Triggering and Power over single coaxial cable.
- Realtime triggering function : Accuracy ±4ns
- Data Integrity : Redundant conding, CRC-32, Link test
- GenICam compliant
- Cost-efficient cabling
- Plug & Play



Feature	Model	XCM80160CXP	XCM60160CXP	XCM40160CXP
Resolution (Pixels)		8192	6144	4096
Pixel Size (μm)		7 x 7	7 x 7	7 x 7
Device Length (mm)		57.344	43.008	28.672
Lens Mount		M72	NIKON F	NIKON F
Data Rate (MHz)		160 (40 x 4-Taps)	160 (40 x 4-Taps)	160 (40 x 4-Taps)
No. of Taps		4	4	4
No. of Links		1 (Max. 2.5 Gbps in CXP-2)	1 (Max. 2.5 Gbps in CXP-2)	1 (Max. 2.5 Gbps in CXP-2)
Max. Line Rate (μs / kHz)		53.6 / 18.65	40.2 / 24.88	26.8 / 37.31
Responsivity (V / [lx·s])		70 (70 ~ 785)	70 (70 ~ 785)	70 (70 ~ 785)
Dynamic Range (dB)		60	60	60
Output Format (Bits)		8 / 10	8 / 10	8 / 10
Power Supply Voltage (V)		DC12 to 15 [±5%]	DC12 to 15 [±5%]	DC12 to 15 [±5%]
Current Consumption (mA)		500	500	500
Operating Temperature (°C)		0 ~ 50	0 ~ 50	0 ~ 50
Size W x H x D (mm)		80 x 120 x 65	80 x 120 x 80	80 x 120 x 80
Mass (g)		600	730	730
Interface		CoaXPRESS CXP-2 Base*	CoaXPRESS CXP-2 Base	CoaXPRESS CXP-2 Base
Cable Length (m)**		110m for 2.5 Gbps (CXP-2)	110m for 2.5 Gbps (CXP-2)	110m for 2.5 Gbps (CXP-2)
Special Features		<ul style="list-style-type: none"> • Flat field correction • Exposure control • Test Pattern selection • Scan direction switching • Easily adjustable gain(analog/digital) & offset • GenICam compliant • CE/FCC/RoHS compliant 	<ul style="list-style-type: none"> • Flat field correction • Exposure control • Test Pattern selection • Scan direction switching • Easily adjustable gain(analog/digital) & offset • GenICam compliant • CE/FCC/RoHS compliant 	<ul style="list-style-type: none"> • Flat field correction • Exposure control • Test Pattern selection • Scan direction switching • Easily adjustable gain(analog/digital) & offset • GenICam compliant • CE/FCC/RoHS compliant

*Base : 1.25 ~ 3.125 Gbps, Full : 1.25 ~ 6.25 Gbps ** Belden 1694A

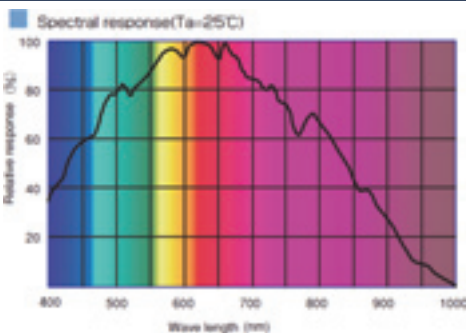
XCM80160CXP



XCM60160CXP & XCM40160CXP



8K & 6K & 4K CXP Cameras



Sales Contacts

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