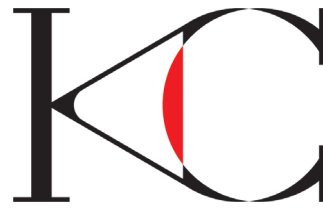




Machine Vision in Focus



KC-GM1X

4ch CXP to GigE Multiplexer



STREAMLINED VISION PROCESSING FOR PRECISION INSPECTION



Machine Vision in Focus

KC-GM1X

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Multi-Camera Connection: Supports the connection of four KC48XS1MX CXP cameras simultaneously.

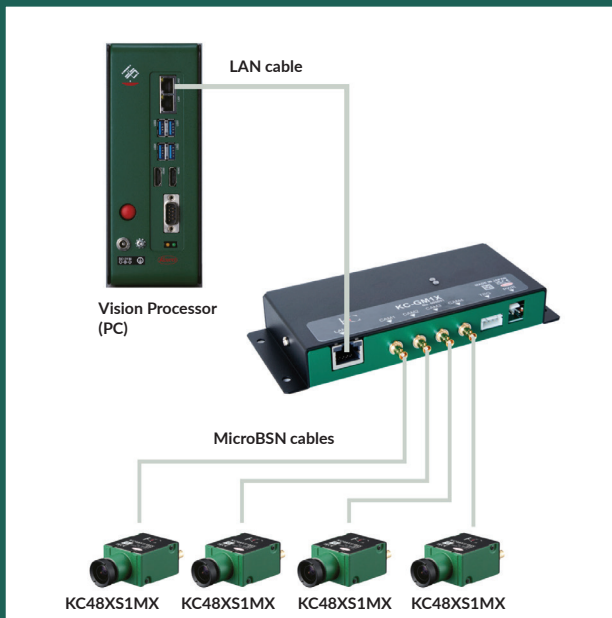
Signal Conversion: Converts the signal from CXP (CoaXPress) to GigE (Gigabit Ethernet) interface.

Single Output Stream: Outputs the data from all four cameras through one GigE connection to a vision processor.

High-Speed Processing: Enables the processing of four images simultaneously at high speed, optimizing performance for time-sensitive applications.

Ideal for Machine Vision: Perfect for use in machine vision systems within factories, especially for sorting and inspection tasks.

Comprehensive Monitoring: Allows items to be scanned and monitored from multiple angles, enhancing the accuracy and speeding up inspection processes.



*1: Complies with IEC 60068-2-6 (JIS C 60068-2-6)

*2: Complies with MIL-STD-810H

Power Supply	DC24V
Input Interface	CXP (MicroBNC) x 4 supporting PoCXP
Output Interface	GigE Vision (RJ45)
Image Output Signal	1Gbps GigE Vision V2.0 Protocol (According to the settings, it is possible to select 4-unit simultaneous imaging, 2-unit simultaneous imaging or single unit imaging. When conducting multiple-unit simultaneous imaging, these are output as single horizontal images from the camera channels in ascending order from the left side.)
Power Requirements	58W or less (when connecting four camera units and four lighting units)
Operating Temperature/Humidity	0°C ~ +45°C / 20% ~ 80%RH (No condensation)
Storage Temperature/Humidity	-30°C ~ +60°C / 20% ~ 90%RH (No condensation)
Housing Size	161(W)x22.7(H)x64.5(D)mm (Excluding projections)
Weight	Approx. 170g
Vibration Resistance*1	10G
Impact Resistance*2	75G
Supported Cameras	KC48XS1MX
Supported Lenses	QS Series

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