

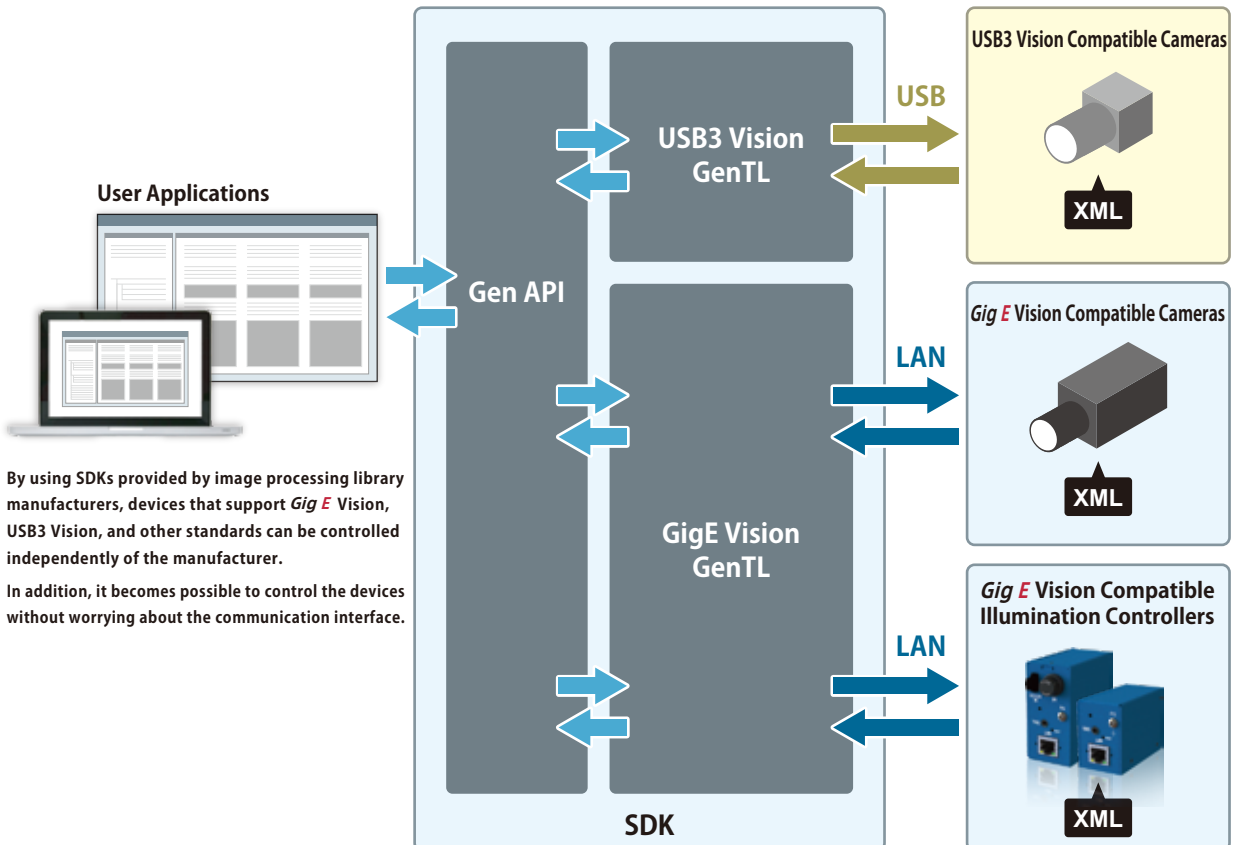
Gig E Vision Compatible Controller [IPPA_G·IRPA_G Series]

First support in Japan by a domestic manufacturer!
 With **Gig E** Vision Interface, easy installation and operation just like a camera!!



The Advantages of Gig E Vision

- No need to set up a new network environment, as it can be used with existing Ethernet infrastructure.
- Easily introduced by utilizing Gig E Vision's image processing libraries.
- Compatible with GEN<i>CAM, allowing for easy integration with different interfaces such as USB3 Vision and CoaXPress.
- LAN cable connection can be extended up to 100m.



- Line illumination products
- Ring illumination products
- Bar illumination products
- Transmitted/area illumination products
- Dome illumination products
- Cave illumination products
- Special illumination products
- IoT products
- Controller products
- Other illumination products

Example In Compatible Applications

In addition to the connected compatible **Gig E** camera, the supporting controllers are also displayed in the [Device] field.

The selected compatible controller (Device) is displayed, showing the corresponding configuration settings

The connected compatible **Gig E** cameras (3 models) are from different manufacturers, but they are all displayed similarly and can be configured on the same application using GEN<I>-CAM

In the illumination control settings, the followings parameters and etc.

- Output control settings (Internal/External)
- Brightness setting (displayed as 256 levels)
- Brightness setting (displayed as a percentage)
- Flashing time setting
- Delay setting

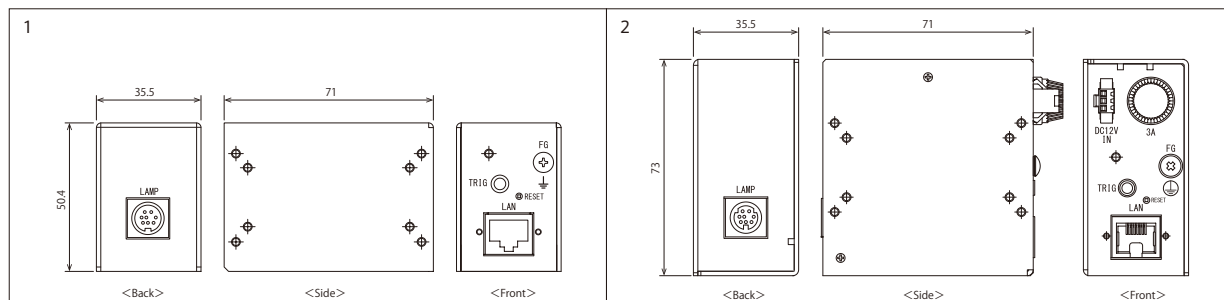
All these settings can be configured from the compatible application.

- Line illumination products
 - IDBB-LSRF
 - IDBC-LSR
 - IDBB-LSRH
 - IDBB-LSRA
 - IDBB-LSRS
 - IDBC-LSRC
 - IDBB-LSRC
 - IDBC-RE
 - IDBB-RE
 - IDBA-RK
 - IQDH-RE
 - IMAR-D_8ch
 - IDR-LA-8ch
 - IDRA-T-8ch
 - IMAR-D
 - IMAR-CT D
 - IHR-LE
 - IHRB · IHRA
 - IDR-F
 - IDR-F33/16
 - IDR
 - IDR-LA
 - IDRA-T
 - IFR · IPR
- Ring illumination products
 - IDBA-HM
- Bar illumination products
 - IDBA-HMS
 - IDBA-HMS-IR
 - IDBA-FD
 - IDBA-LEH2
 - IDBA-LEH
 - IDBA-LE
 - IDBA-SE
 - IDBA-SL
 - IDBA
 - IDBA-Q
 - IFLA · IFLB
- Transmitted/area illumination products
 - IDHM
 - IHMA
 - IHMA-V
 - IFPA
 - IFD
 - IFD-IR
 - IHMA-40D
 - IFPA-D
 - IPQC
 - IFHA
- Dome illumination products
 - IDDB-KH · IDDA-KH
 - IDUB
 - IDD
 - IDD-CB
 - IQD · IQDH
 - IQDA-CB
 - IFVA · IFVB
 - IFVA-ST
 - IFV
 - IV-14 · IV-30
 - IHVE-21
 - IHVA-SP · IHSL-SP
- Special illumination products
 - IBF
 - IHV-FX
 - RBOX
 - IDBB-CH
 - IDHRA
 - UV-CAN
 - Infrared
 - Infrared
 - IMAR-RGB
 - IDDA-KH-RGB
 - RGB Full-color
 - ISU
 - ISS
- Introduction of Customization
 - High-speed synchronous imaging camera products
 - ISC-24
 - Image capture evaluation kit products
 - IDMU
 - ILP
 - ILC
 - ILV
 - ILS
- Controller products
 - IPPA_G · IRPA_G
 - IPSA · IPPA
 - IDGC
 - IDPA
 - IDCA
 - IMC
 - IWDV-24
 - IWDV(S)-48
 - ISC
 - IJS
 - IJS-30M2-TP/SS
 - ILS-40M2-PI/SS
 - SAG
 - SLUB
 - LLUB
 - IFC

Controller Specifications

Model	IPPA-7M4G	IRPA-30M4G
Control Method	Approx. 80kHz PWM /256 level	
Channel Number	4CH	
Capacity	A total of 30W or less for all channels (The output will be limited to 7.8W/Ch)	Total 30W (15W/CH)
Input Power Supply	Powered by PoE injector (PoE standard: IEEE 802.3af)	Input voltage DC 12V Input Current 3A (MAX)
Output Voltage	12V	
Trigger Response Time	Approx. 1μs ※1	
Weight	less than 140g	less than 150g
Exterior Diagram	1	2

※1 A recognition time of at least 10 μs is required for trigger signal detection.



Dedicated Cable (included accessory)

