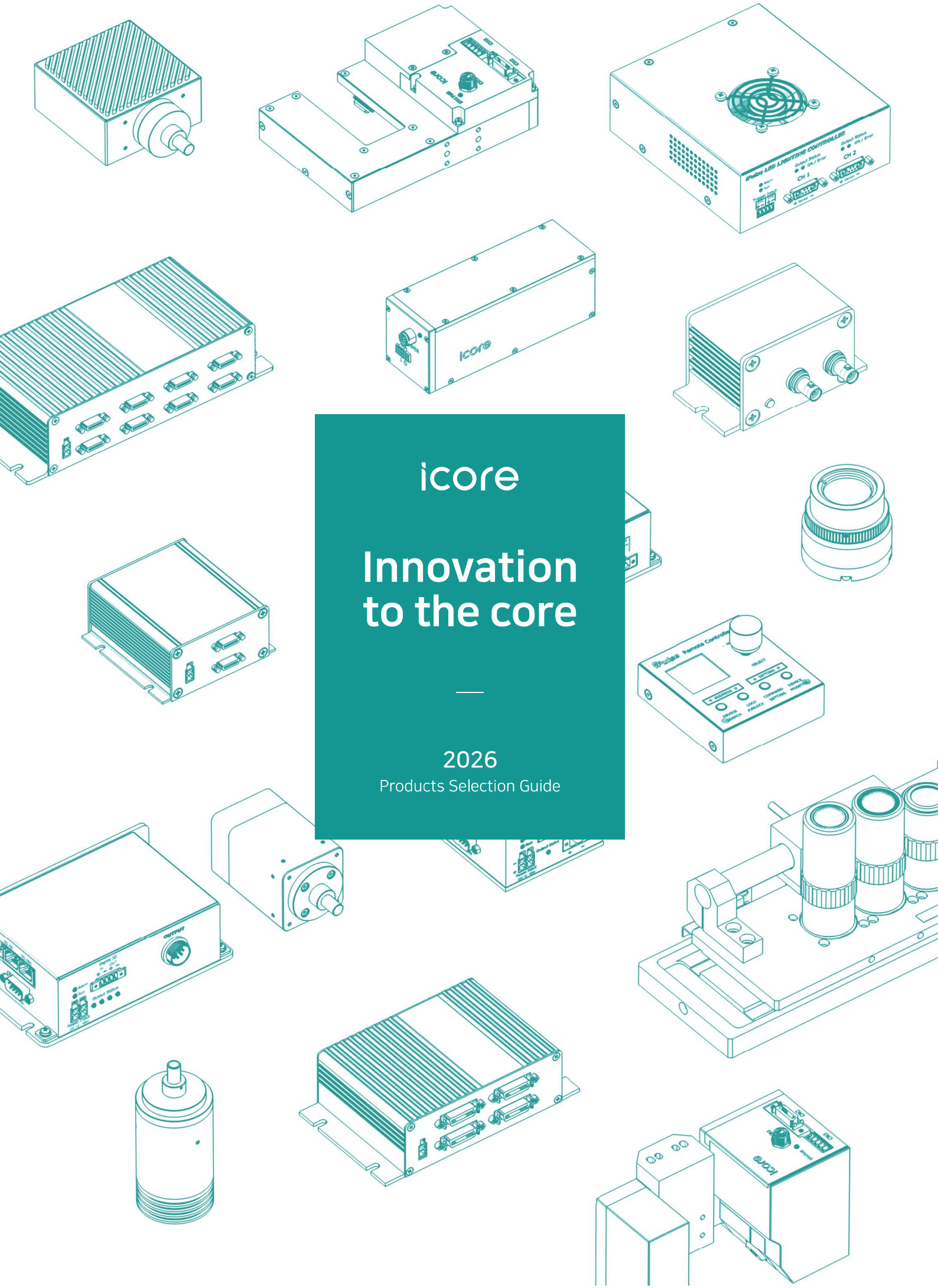


icore

Innovation to the core

2026

Products Selection Guide

Company Introduction

Innovation to the Core

All employees of iCore will always work with more determination than ever with gratitude to continue to develop products and technologies and retain customer trust for a long period of time.



Mission

We continue to develop products that meet customer needs through innovative and core technologies.



Vision

We will grow together with customers. We will be a happy company for all customers and employees.

Core values



Customer

We exist because of our customers. We will never forget to appreciate our customers.



Trust

Members of iCore intend to develop products that anyone can use with confidence and unchanging trust.



Happiness

We will create a workplace in which people can work with joy and manage a happy life.

Product

Strobe Controller
iPulse
01



High Brightness Light
iLight
02



Autofocus Module
iFocus
03



Repeater / Splitter
iPlus
04



01. Strobe Controller

iPulse

iPulse is a high-power LED controller developed with iCore's unique know-how specifically for machine vision applications. The product can control high-speed current with high efficiency.

iCore has developed the world's first high-efficiency power circuit that generates ultra-precise current pulses of less than 0.5μs even under the condition of 200A or higher. It enables stable and precise strobe lighting with high-power LEDs.



Universal Lighting Controller

Based on constant current control, iPulse is a universal strobe controller capable of driving a wide range of LED lights regardless of their rated voltage.

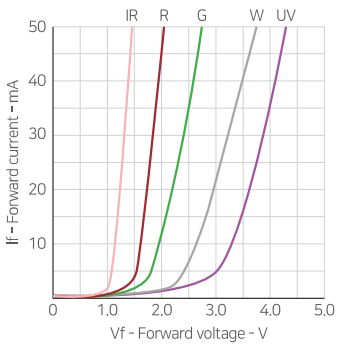
Free from dependency on specific lighting manufacturers or specifications, it enables operation of diverse lighting systems with a single controller, significantly enhancing system flexibility and scalability.



Constant Current Control

LEDs exhibit nonlinear voltage-current characteristics, and constant voltage driving may lead to overcurrent risks as well as brightness variations caused by environmental changes and manufacturing tolerances. The graph shows that nonlinear Vf-If characteristics and color-dependent Vf variations make current control necessary.

iPulse ensures uniform light output and stable inspection quality by supplying a constant current through its constant current control method.



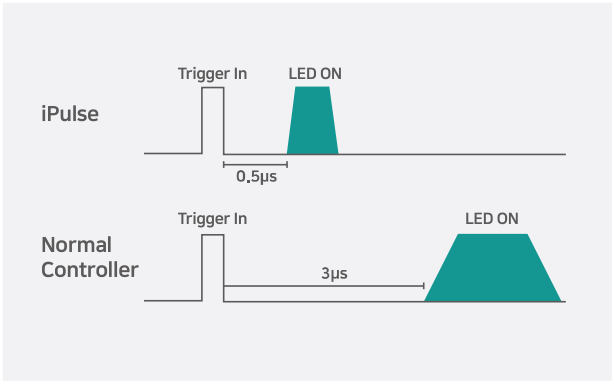
Global Brand Compatibility

Not limited to a specific lighting brand or model, compatibility is ensured with a wide range of LED lights from major global lighting manufacturers.
Multiple lights from different brands can be controlled simultaneously with a single controller, simplifying overall lighting control within the system.



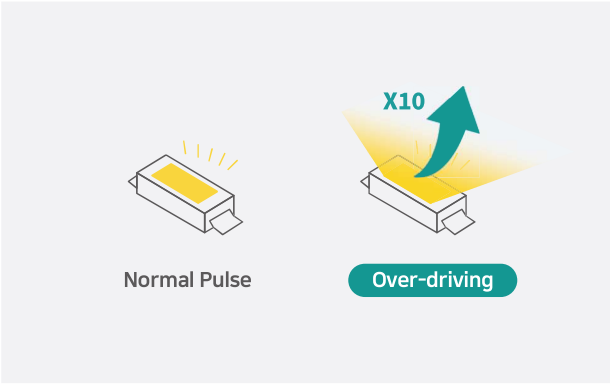
Fast Response

Fast current response enables ultra-precise lighting control, reacting within 0.5μs to external trigger inputs—approximately six times faster than other brands.
Exceptional repeatability from trigger input to light output ensures faster and more precise operation.



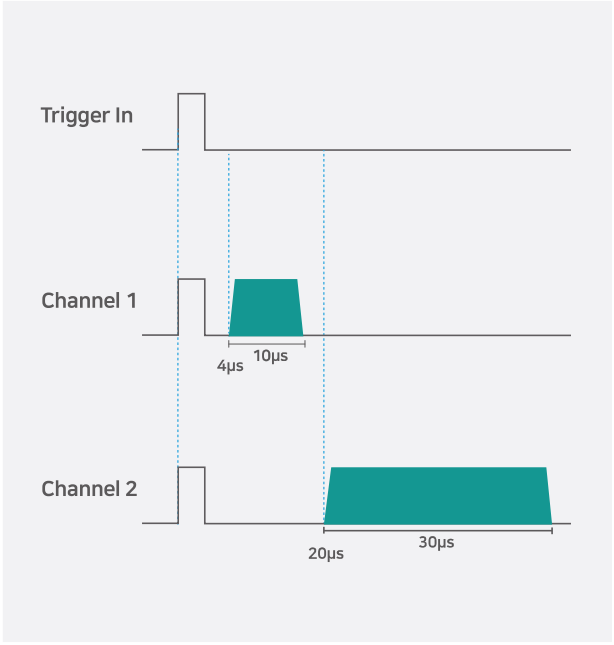
Over-Driving

iPulse utilizes the advantage of constant current driving to provide up to 10x over-driving capability. Over-driving is a technology that instantaneously drives a current that exceeds the LED's rated current to increase the LED lighting's brightness by several times. iPulse can drive LEDs up to 200A, the highest in the industry, and assures constant LED current values at all times. It also has a built-in duration and duty ratio limiting function to protect LED elements.



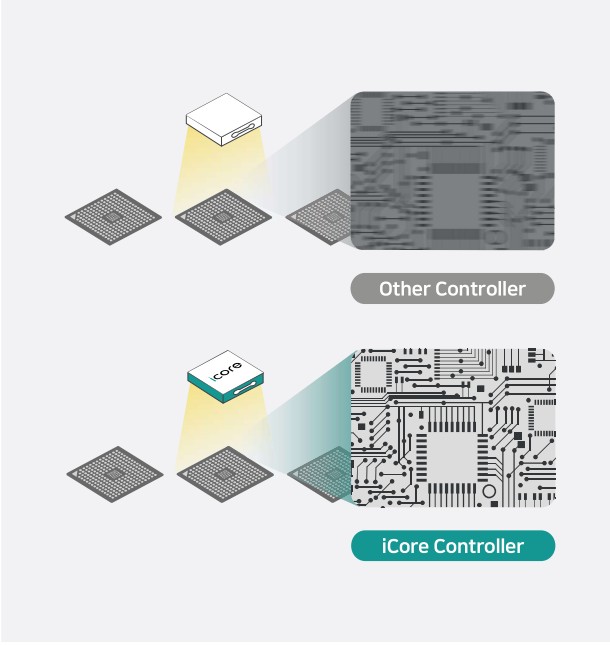
Independent Per-Channel Control

Users can precisely control each LED light on every channel in terms of current, delay time, pulse duration, and driving conditions. This allows fine-tuned adjustment of each light in multi-light setups, ensuring optimal illumination for complex inspection requirements.



On The Fly Inspection

iPulse's over-driving technology and fast response time significantly improve on-the-fly inspection performance. By generating ultra-short light pulses under 1μs with instantaneous current drive up to 200A, fast moving objects can be "frozen" when imaged, eliminating motion blur while maximizing image brightness.



New Release

iPulse COM Series

New Lineup : COM Series

COM series features a fast response time of 4μs and supports up to 10x overdrive.
It also offers an independent trigger function, allowing each lighting channel to be controlled separately.



Feature

COMpetitive

Cost-effective, high-performance strobe controllers

COMbine

Preserving iPulse's strengths while adding per-channel trigger control

COMpatible

Constant-current control ensures compatibility with a wide range of lighting products worldwide

COMmon

A user-friendly interface designed for easy operation by everyone

Model	CH.	Max. Continuous Current	Max. Pulse Current	LED Voltage Range	Min. Pulse Width	Max. Frequency	Max. Power Output (Channel/Total)	Interface	Over Driving	Sequence Control	Auto Voltage
IP-COM2-02	2	2A	2A	3V ~ 48V	4μs	70kHz	48W / 200W	RS-485, RS-232, Ethernet (Adaptor)	X	O	X
IP-COM2-10	2	2A	10A	3V ~ 48V	4μs	70kHz	48W / 200W		O	O	X
IP-COM2-20	2	2A	20A	3V ~ 48V	4μs	70kHz	48W / 200W		O	O	X
IP-COM4-02	4	2A	2A	3V ~ 48V	4μs	70kHz	48W / 200W		X	O	X
IP-COM4-10	4	2A	10A	3V ~ 48V	4μs	70kHz	48W / 200W		O	O	X
IP-COM4-20	4	2A	20A	3V ~ 48V	4μs	70kHz	48W / 200W		O	O	X
IP-COM8-02	8	2A	2A	3V ~ 48V	4μs	70kHz	48W / 250W		X	O	X
IP-COM8-10	8	2A	10A	3V ~ 48V	4μs	70kHz	48W / 250W		O	O	X
IP-COM8-20	8	2A	20A	3V ~ 48V	4μs	70kHz	48W / 250W		O	O	X
IP-COM16-02	16	2A	2A	3V ~ 48V	4μs	70kHz	48W / 300W		X	O	X
IP-COM16-10	16	2A	10A	3V ~ 48V	4μs	70kHz	48W / 300W		O	O	X
IP-COM16-20	16	2A	20A	3V ~ 48V	4μs	70kHz	48W / 300W		O	O	X

iPulse A Series

The Most Powerful iPulse : iPulse A Series

iPulse A Series is designed for high-speed strobing, supporting a maximum frequency of 300kHz. With up to 10x overdrive, it generates ultra-precise pulses of 200A current within 0.5μs.
Available in 1CH, 2CH, 4CH, and 8CH, the lineup offers a diverse range of models tailored to different rated currents, ensuring the optimal solution for any application.



Feature

High Performance

Fast trigger response times below 0.5μs with high repeatability for precise lighting timing control

High Capacity

Stable control of short pulses below 0.5μs, even under high-current conditions of up to 200A

High Frequency

High-speed strobing up to 300kHz, making it suitable for ultra-high-speed inspection applications

Auto Voltage

Automatic voltage adjustment through a built-in voltage feedback circuit for stable operation

Model	CH.	Max. Continuous Current	Max. Pulse Current	LED Voltage Range	Min. Pulse Width	Max. Frequency	Max. Power Output (Channel/Total)	Interface	Over Driving	Sequence Control	Auto Voltage
IP-1P1S-20A	1	2A	20A	3V ~ 80V	0.5μs	300kHz	30W / 30W	RS-485, RS-232, Ethernet (Adaptor)	O	O	O
IP-1P1S-50A	1	5A	50A	3V ~ 80V	0.5μs	300kHz	30W / 30W		O	O	O
IP-1P1S-100A	1	5A	100A	3V ~ 80V	0.5μs	300kHz	30W / 30W		O	O	O
IP-2P2S-20A	2	2A	20A	3V ~ 80V	0.5μs	300kHz	30W / 60W		O	O	O
IP-2P2S-50A	2	5A	50A	3V ~ 48V	0.5μs	300kHz	125W / 250W		O	O	O
IP-2P2S-200A	2	20A(250W)	200A	3V ~ 48V	0.5μs	300kHz	250W / 500W		O	O	O
IP-2P2S-200B	2	20A(500W)	200A	3V ~ 48V	0.5μs	300kHz	500W / 1000W		O	O	O
IP-4P4S-20A	4	3A	20A	3V ~ 48V	0.5μs	300kHz	75W / 300W		O	O	O
IP-4P4S-50A	4	3A	50A	3V ~ 48V	0.5μs	300kHz	75W / 300W		O	O	O
IP-8P8S-20A	8	3A	20A	3V ~ 48V	0.5μs	300kHz	75W / 600W		O	O	O

iPulse Flashing Series for Areascan

Powerful Overdrive Performance : iPulse Flashing Series

iPulse Flashing Series is a lighting controller specialized for overdrive. While its maximum frequency of 1kHz is similar to standard controllers, it perfectly supports 0.5μs high-speed strobing and delivers exceptional overdrive performance.



Model	CH.	Max. Continuous Current	Max. Pulse Current	LED Voltage Range	Min. Pulse Width	Max. Frequency	Max. Power Output (Channel/Total)	Interface	Over Driving	Sequence Control	Auto Voltage
IP-1P1S-200A	1	5A	200A	3V ~ 80V	0.5μs	1kHz	30W / 30W	RS-485, RS-232 Ethernet (Adaptor)	O	O	O
IP-1P4S-20A	4	0.2A	20A	3V ~ 80V	0.5μs	1kHz	30W / 30W		O	O	O
IP-1P4S-50A	4	0.5A	50A	3V ~ 80V	0.5μs	1kHz	30W / 30W		O	O	O
IP-1P4S-100A	4	1A	100A	3V ~ 80V	0.5μs	1kHz	30W / 30W		O	O	O

iPulse C Series for Linescan

High-Speed Performance with Competitive Price : iPulse C Series

iPulse C Series offers high-speed strobing with a maximum frequency of 300kHz while ensuring excellent compatibility with a wide range of lighting products through constant-current control. For applications with sufficient light output, this model optimizes high-speed strobe functionality without overdrive, maintaining performance while enhancing cost efficiency.



Model	CH.	Max. Continuous Current	Max. Pulse Current	LED Voltage Range	Min. Pulse Width	Max. Frequency	Max. Power Output (Channel/Total)	Interface	Over Driving	Sequence Control	Auto Voltage
IP-1P1S-2C	1	2A	2A	3V ~ 80V	0.5μs	300kHz	30W / 30W	RS-485, RS-232, Ethernet (Adaptor)	X	O	O
IP-1P1S-5C	1	5A	5A	3V ~ 80V	0.5μs	300kHz	30W / 30W		X	O	O
IP-1P1S-30C	1	30A	30A	3V ~ 48V	0.5μs	300kHz	500W / 500W		X	O	O
IP-2P2S-2C	2	5A	5A	3V ~ 80V	0.5μs	300kHz	30W / 60W		X	O	O
IP-2P2S-5C	2	5A	5A	3V ~ 48V	0.5μs	300kHz	125W / 250W		X	O	O
IP-4P4S-1C	4	1A	1A	3V ~ 48V	0.5μs	300kHz	75W / 300W		X	O	O
IP-4P4S-3C	4	3A	3A	3V ~ 48V	0.5μs	300kHz	75W / 300W		X	O	O
IP-8P8S-3C	8	3A	3A	3V ~ 48V	0.5μs	300kHz	75W / 600W		X	O	O

Accessories

Enhance iPulse Experience with a Diverse Accessory Lineup

Make iPulse even more convenient with a range of accessories, including a converter module that transforms RS485 to USB and a remote controller that enables full operation of iPulse without a PC.



	Model	Description
ACC	IPULSE USB-485	RS-485 to USB Communication Converter Module
	IPULSE ETH-485	RS-485 to Ethernet Communication Converter Module
	SC-100	Trigger converter to convert TTL or LVDS signal
	IPULSE Remote Controller	iPulse Remote Controller to manually control the controller without communicating at PC

Delivery Configuration

Depending on the model, components such as cables or connectors are supplied together with the product.



All Strobe Controller Models
(except IP-2P2S-200A / 200B)



Power Connector



Connector Clamp



IP-2P2S-200A & IP-2P2S-200B



D-SUB Connector



D-SUB Backshell



IPULSE USB-485



USB Cable



LAN Cable

02. High Brightness Light

iLight

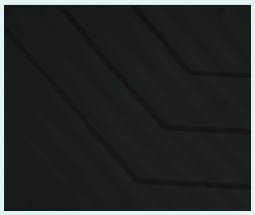


iLight is a lighting solution product that specializes in high-speed, high-magnification inspection in various fields and is optimized iPulse products (strobe controller).

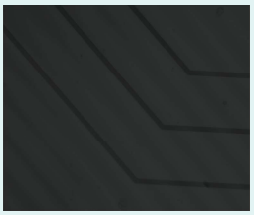
It features a high-brightness Hybrid Spot light source adaptable to various optical configurations, along with RGB spot lights capable of diverse color output and high-power LED solutions such as Spot Lights and Projection Lights supporting wavelengths from UV to NIR.

Hybrid Spot Lighting

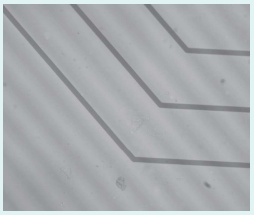
Hybrid Spot Lighting delivers high brightness at the level of a 600W-class light source or higher.
It provides stable and sufficient light for high- speed and high-magnification inspection environments, ensuring bright images across a wide range of inspection conditions.



600W Light Source



Hybrid Spot M1

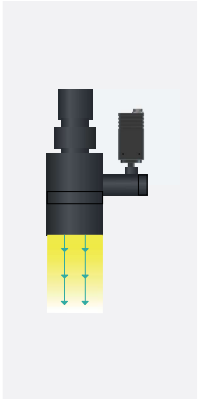


Hybrid Spot M2

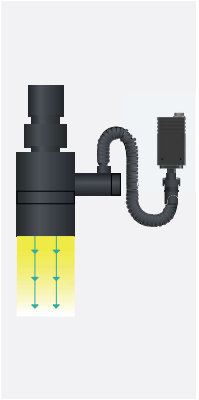
Structural Flexibility

Based on a high-output light source, Hybrid Spot Lighting is designed to support various optical configurations. By minimizing light loss caused by changes in optical structure, it enables optimal lighting setups tailored to different inspection targets and environments.

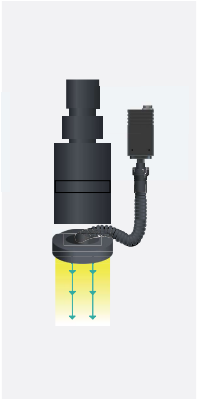
Coaxial Spot



Fiber

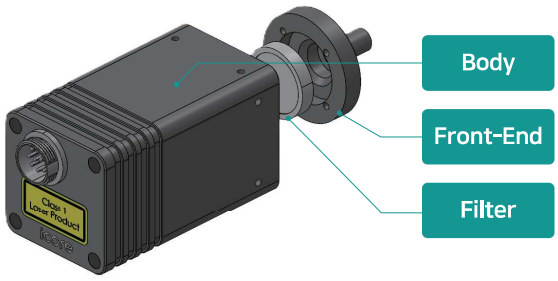


Ring Guide



Filter-Slot Structure

Enables selective output of specific wavelength bands based on application requirements through a detachable optical filter.





You can use a wide range of filters.

Hybrid Spot M2 Type

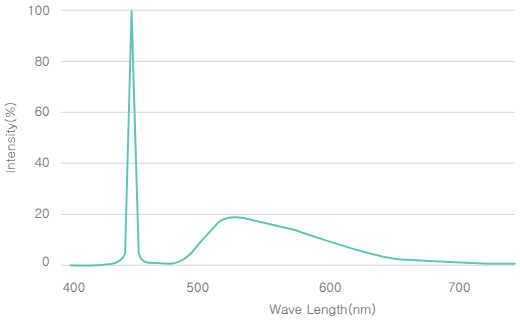
Hybrid Spot M2 is an ultra-high-brightness light source offering structural flexibility for various optical configurations, including coaxial and ring guide setups.

It delivers up to approximately 100 times higher brightness than standard LEDs and enables selective wavelength output through its filter slot design. In addition, its output feedback control ensures stable brightness over extended operating periods.

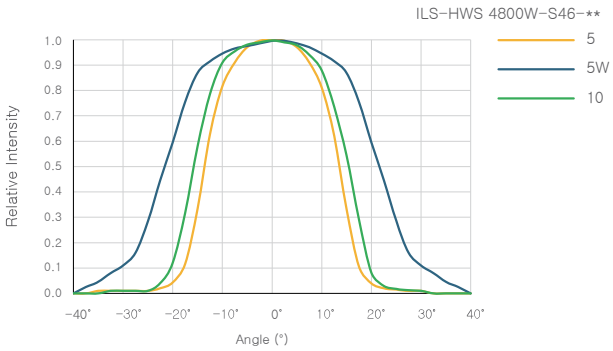


Model	Color	Kelvin	Power	Controller
ILS-HWS4800W-S46-5	White	5500K	Pulse : 4800W	IP-HYBRID-M2
ILS-HWS4800W-S46-5W				
ILS-HWS4800W-S46-10				

Spectrum



Angular Intensity Distribution



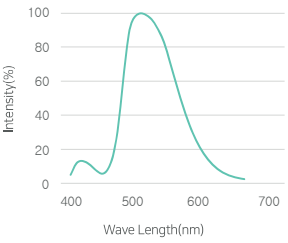
Hybrid Spot M1 Type

Hybrid Spot M1 combines laser and LED technologies, offering an effective replacement for standard LEDs and xenon lamps.

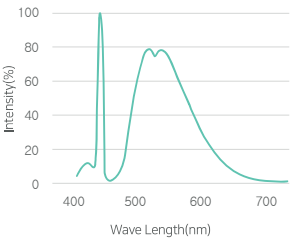
It delivers up to 30 times higher brightness than standard LEDs while maintaining stable light output over extended operation, addressing the short lifespan and brightness fluctuation issues of xenon lamps.



Spectrum



ILS-HWS1600G-D46



ILS-HWS1600W-D46

Model	ILS-HWS1600G-D46	ILS-HWS1600W-D46
Color	Green	White
Wavelength / Kelvin	540nm	5500K
Power	DC : 10W / Pulse : 1600W	
Controller	IP-HYBRID-M1	

High-Brightness Spot Light

A 29mm type spot light with higher brightness and uniformity compared to typical spot lights. It is available in various wavelength lineups from UV to RGB. It can be combined with our iPulse system for reliable overdrive operation.



Model	Color	Wavelength/ Kelvin	Power	Current
ILS-R5A-D29	Red	620nm	5W	2.5A
ILS-R10A-D29	Red	620nm	10W	4A
ILS-G10A-D29	Green	520nm	10W	3A
ILS-G20A-D29	Green	520nm	20W	5A
ILS-B10A-D29	Blue	460nm	10W	3A
ILS-B20A-D29	Blue	460nm	20W	5A
ILS-W10A-D29	White	6500K	10W	3A
ILS-W20A-D29	White	6500K	20W	5A
ILS-W40A-D29	White	6500K	40W	5A
ILS-UV2A-D29-405	UV	405nm	2W	0.5A

LED Focusing Light

A focusing light that combines a conventional spot light with a focusing lens. The highly collimated lens design concentrates light at the desired working distance, minimizing light loss while maintaining high brightness.



Model	Color	Wavelength / Kelvin	Power	Current	Focal Length (mm)
ILS-R10A-D35-P2	Red	620nm	DC : 10W	4A	30
ILS-G20A-D35-P2	Green	520nm	DC : 20W	5A	30
ILS-B20A-D35-P2	Blue	460nm	DC : 20W	5A	30
ILS-W20A-D35-P2	White	6500K	DC : 20W	5A	30

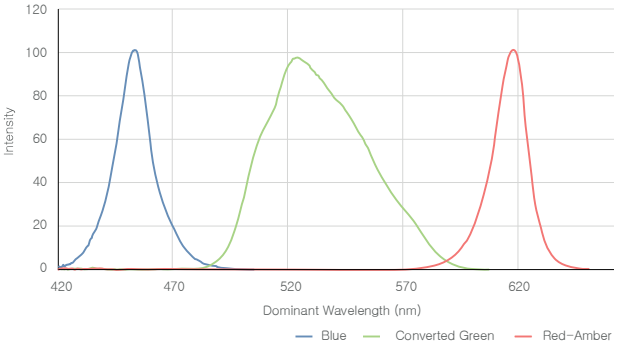
RGB Spot Light Coaxial

A high brightness spot light that allows independent control of RGB. With its compact product size, it can be combined with iPulse for stable use. It enables the output of various colors of light by using RGB individually or in combination.

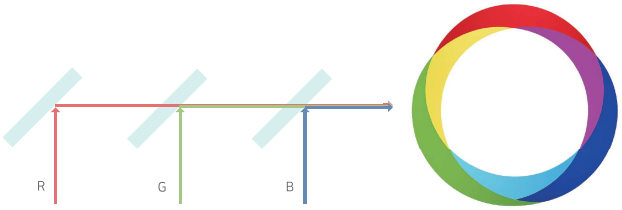


Model	Color	Wavelength	Power	Current
ILS-RGB80A-COA	RGB	613nm(R) / 555nm(G) / 455nm(B)	20W(R) / 30W(G) / 30W(B)	4A(R) / 5A(G) / 5A(B)

RGB Spot Spectrum



Dichroic Mirror Design



Projection Light

A high power spot light with excellent light concentration and uniform output, designed with a precision optical system coated with AR. It consists of condenser lens and focusing lens, allowing to define the focus position. It is available in a diverse line up covering UV to NIR wavelengths.



Model	Color	Wavelength / Kelvin	Power	Focal Length(mm)
ILS-R90A-D45	Red	620 nm	DC : 90W	50/∞
ILS-G90A-D45	Green	520 nm		
ILS-B90A-D45	Blue	460 nm		
ILS-W90A-D45	White	6500K		
ILS-UV90A-D45	UV	365/405 nm		
ILS-NIR90A-D45	NIR	850/940 nm		

03. Autofocus Module

iFocus

iFocus is the real-time autofocus model.

It is applied to the automatic optical inspection (AOI) of a high magnification optical system that measures the target object's position in real time and sets the optical image to detect defects of 1μm or less quickly in semiconductor and display inspection.



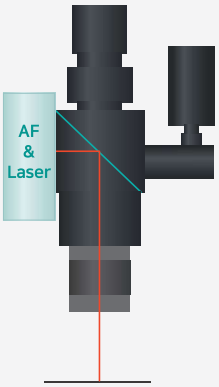
Customized Autofocus Solution

Flexible combinations of lenses, autofocus sensors, and Z-axis actuators are available to deliver an optimal autofocus module tailored to each application and installation environment.
By customizing the autofocus sensor based on the customer's existing setup, autofocus can be easily applied to current systems.



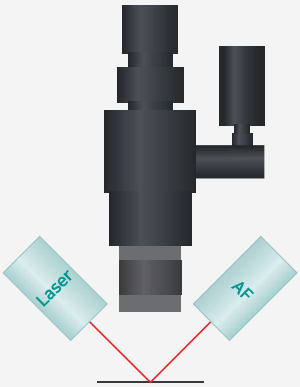
Through The Lens

TTL-type autofocus measures the distance to the sample based on laser light entering through the internal path of the lens to adjust the focus.



Optical Triangulation

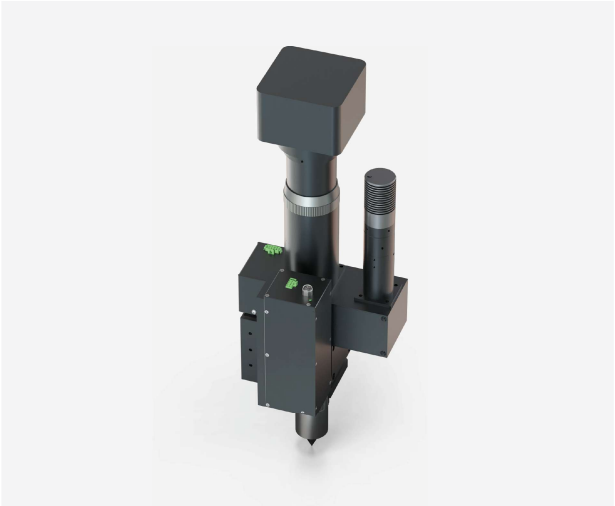
Optical Triangulation autofocus adjusts the focus by detecting the sample's distance with an externally reflected laser, independent of the lens. This method is particularly effective for focusing on individual layers in stacked structures.



New Release

iFocus TTL Type

iFocus TTL Type is an autofocus system that measures the distance to the sample and adjusts focus using a laser light entering through the internal path of the lens.
Unlike optical triangulation methods, which can cause laser interference and restrict external lighting placement around the objective lens, iFocus TTL Type allows for greater lighting flexibility. It is particularly specialized for high-magnification optical systems of 20x or more, ensuring precise and reliable autofocus performance.



Selection Method for Autofocus



Optical Lens

Objective Lens
for TTL Autofocus
Tube Lens for TTL Autofocus



Autofocus Sensor

IT-AF-TTL1
TTL Type Autofocus Sensor



Z-axis Actuators

IAF-ZAA-02
Controls only the Z-axis
of the objective lens

※ TTL-type autofocus requires a dedicated, specially designed tube lens.

IT-AF-TTL1 Autofocus Sensor

TTL Type Autofocus Sensor requires a specially designed Tube lens and Z-axis actuators.

Sensing Type	Through The Lens
Sampling Rate	Up to 1.2kHz
Capture Range	5x Objective Lens ±1,500μm 10x Objective Lens ±500μm 20x Objective Lens ±300μm 50x Objective Lens ±100μm
Repeatability	1/3 Objective Depth of Field or better
Output Signal	Pulse CW/CCW



iFocus

Triangulation Type

iFocus Triangulation type is an autofocus module using optical triangulation in which the AF sensor captures the amount of displacement of the laser beam reflected from the target object.

The AF sensor calculates the distance in pixels that change around the focus position and performs motor control in real time.



Selection Method for Autofocus

STEP 1. Lens



Objective Lens

Excellent resolution at high magnification
Compact module design for AF configuration



FA Lens

Compatible with large-aperture cameras
More cost-effective than microscope lenses

STEP 2. Autofocus Sensor



IT-AF-MBK1

For large-format cameras
and large-diameter optics



IT-AF-MBK2

For microscope objective
and tube lens systems



Customized

Customized to
customer optical specifications

STEP 3. Z-Axis Actuator



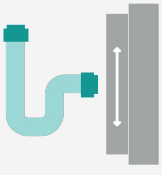
IAF-ZAA-01

Control method that moves
the entire Z-axis of the optical system.
Selected for use with FA lenses.



IAF-ZAA-02

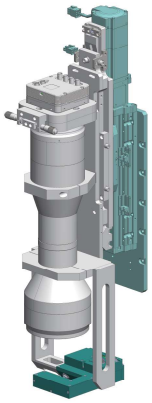
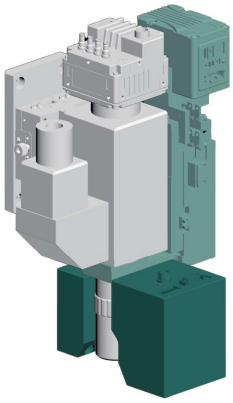
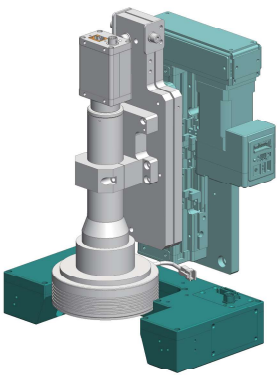
Control method that moves only
the Z-axis of the objective
lens based on the principle of
infinite optical systems



Cable

Designed to be mounted beneath
the lens, with an integrated laser
module for easy installation.

Autofocus Module Selection Examples

Features	Autofocus Module
Configuration High-Resolution Area Camera Or Line Scan Camera + Large-Aperture FA Lens **Applications** Large-Area Precision Inspection Display Inspection Glass Substrate Defect Inspection  FA Lens + IT-AF-MBK1 + IAF-ZAA-01	
Configuration F-Mount-Class Area Camera Or Line Scan Camera + Microscope Optics (Tube Lens + Objective Lens) **Applications** Semiconductor Inspection High-Speed, High-Magnification Wafer Inspection  Objective Lens + IT-AF-MBK2 + IAF-ZAA-02	
Configuration Customer's Existing Camera And Lens + Customized Configuration Considering Equipment Space Constraints **Applications** Flexible application to various inspection equipment possible  FA Lens + Customized Sensor + IAF-ZAA-01	

IT-AF-MBK1 Autofocus Sensor

An Autofocus Sensor compatible with large format cameras.
Designed to be mounted under the lens, it features an integrated laser module for easy installation.

Large Format Lens IAF-ZAA-01



Sensing Type	Sampling Rate	Capture Range	Repeatability	Output Signal
Optical Triangulation	Up to 1.2kHz	±1100μm	0.2μm	Pulse CW/CCW

IT-AF-MBK2 Autofocus Sensor

An Autofocus Sensor optimized for objective lenses.
With an integrated laser module for easy installation, it features a compact design that wraps around the tube lens.

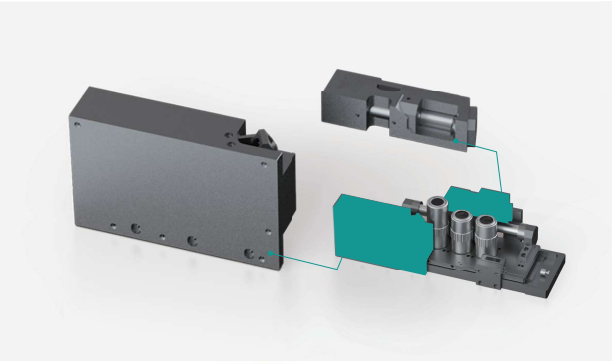
IAF-TU IAF-ZAA-02



Sensing Type	Sampling Rate	Capture Range	Repeatability	Output Signal
Optical Triangulation	Up to 1.2kHz	±1800μm	0.2μm	Pulse CW/CCW

IT-AF-LC Autofocus Sensor

A triangulation-based autofocus model dedicated to lens changer applications, suitable even for environments requiring multiple lenses.
It can be used in combination with iCore's Linear Lens Changer and is designed with a more compact size compared to existing models.



Sensing Type	Sampling Rate	Capture Range	Repeatability	Output Signal
Optical Triangulation	Up to 1.2kHz	±2300μm	0.2μm	Pulse CW/CCW

IP-AF1 Autofocus Sensor

An Autofocus Sensor that outputs height values as analog data, which has a fast sampling speed of 50kHz.



Sensing Type	Sampling Rate	Capture Range	Repeatability	Output Signal
Optical Triangulation	100kHz	±800μm	0.1μm	Analog -10V ~ 10V

Customized

Autofocus sensors can be customized to meet customer requirements.
Customization ranges from simple mechanical modifications tailored to the customer's optical components and installation environment, to performance parameters such as autofocus capture range and accuracy.



Lens Module

iCore designs and offers custom products tailored to meet customer needs, including various AF Sensors and Objective Lenses. Also, we have developed a lens changer module designed for use with the AF Sensor, allowing easy replacement of tube units and objective lenses.

IAF-TU Series Lens

It can be customized to meet customer needs, including changes to the magnification of the tube lens, adding a beam splitter for coaxial lighting, and further configurations for TTL Autofocus.

IT-AF-TTL1 IT-AF-MBK2



Model	Lens Type	Image Circle	Mount	Beam Splitter	Autofocus Sensor
IAF-TU1.0X-21-B1	x1 Tube Lens	21mm	C-mount	1-Slot Assy for Coaxial Light	IT-AF-MBK Series
IAF-TU1.0X-21-B2				2-Slot Assy for Coaxial Light / TTL AF Sensor	IT-AF-TTL1

Linear Lens Changer

The Linear Lens Changer (LLC) is an objective lens changer based on a high-speed linear shaft motor. It can shift the adjacent lenses within 0.2 seconds, ensuring ±1μm accuracy. Applied to iCore's iFocus (Auto Focus Module), it provides an optimized solution.

IT-AF-LC IT-AF-TTL1



Model	Lens Slot	Lens Spacing	Thread Type	Motor Type	Lens Changing Time
IAF-LLC03	3-Slot Assy	38mm	M26 x 36TPI	Servo Motor (Linear Shaft Motor)	<0.2s
IAF-LLC04	4-Slot Assy				
IAF-LLC05	5-Slot Assy				

Z-Axis Actuator

We offer customized designs tailored to the lenses in use, ranging from configurations that move the entire optical system to Z-axis actuators for microscope lenses that move only the objective lens.

IAF-ZAA-01 Z-axis Actuator

Z-Axis Actuator for Entire Optical System Movement. This universal Z-Axis Actuator is suitable for a wide range of lenses, including general FA lenses, large format lenses, and microscope lenses.

IT-AF-MBK1 IT-AF-MBK2 IT-AF-M1



IAF-ZAA-02 Z-axis Actuator

Z-Axis Actuator for Objective Lens. It is specially designed for microscope lenses, moving only the Z-axis of the objective lens. It is built on an infinite optical system, offering exceptional resistance to vibrations.

IT-AF-TTL1 IT-AF-MBK2



04. Repeater & Splitter

iPlus

iPlus is a repeater that increases the transmission distance between the camera and the frame grabber without data loss or splitter that splits the camera's data and transmits them to two or more frame grabbers.

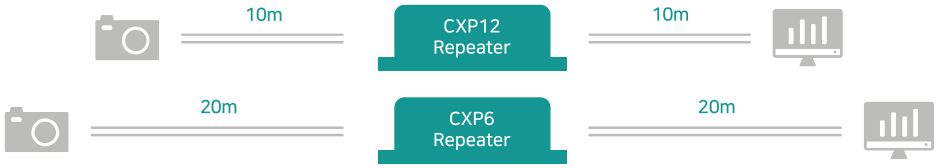
It enables stable data transmission by applying a design optimized the interface and provides various models for user-friendliness to provide the optimal solution.



CXP6/CXP12 Repeater

High speed : Support for 6.25Gbps (CXP6) and 12.5Gbps (CXP12)
User-friendly features : PoCXP compatibility and use of external power available 4CH Model
CXP2.0 compatibility : Micro BNC connector and support for the CXP2.0 standard

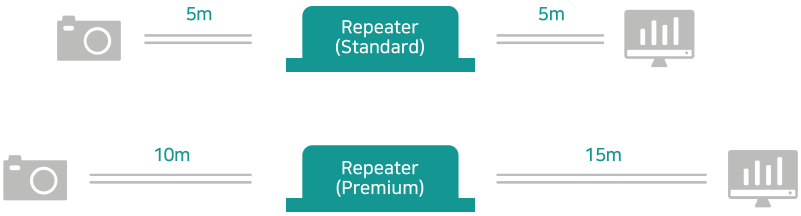




Camera link Repeater

Simple length extension : Extended up to 25m (Premium) and 10m (Standard) at 85MHz Pixel Clock
User-friendly features : PoCL standard compatibility and power input/output terminal
Clear data transmission : Equalization and pre-emphasis functions (Premium)





Camera link Splitter

Simple data forwarding : Splitting of the received image data to enable performing multiple tasks simultaneously
User-friendly features : CameraLink interface with PoCL standard compatibility and power input/output terminal
High speed : Support for 85MHz pixel clock and 80bit expansion





iPlus Line-up

CXP6/CXP12 Repeater

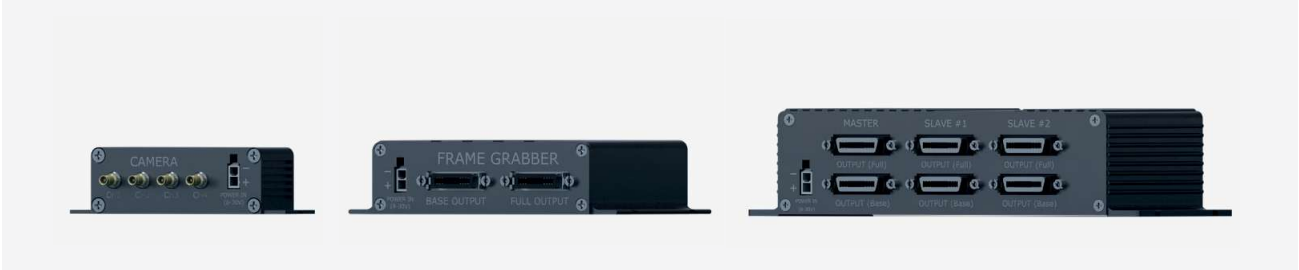
	Model	Description	Interface	Type
CXP 12G	IPLUS-CXPR-HDB1	Repeater CXP 12G, 1Channel, HDBNC	CXP	1Channel
	IPLUS-CXPR-HDB2	Repeater CXP 12G, 2Channel, HDBNC	CXP	2Channel
	IPLUS-CXPR-HDB4	Repeater CXP 12G, 4Channel, HDBNC	CXP	4Channel
CXP 6G	IPLUS-CXPR-DIN1	Repeater CXP 6G, 1Channel, DIN	CXP	1Channel
	IPLUS-CXPR-DIN2	Repeater CXP 6G, 2Channel, DIN	CXP	2Channel
	IPLUS-CXPR-DIN4	Repeater CXP 6G, 4Channel, DIN	CXP	4Channel

Camera Link Repeater

	Model	Description	Interface	Type
CL Premium	IPLUS-CLR-SFP	Repeater CL Full Type, MDR	Camera Link	Premium
	IPLUS-CLR-SFP(S)	Repeater CL Full Type, SDR	Camera Link	Premium
	IPLUS-CLR-DBP(S)	Repeater CL Dual Base Type, SDR	Camera Link	Premium
	IPLUS-CLR-SBP(S)	Repeater CL Base Type, SDR	Camera Link	Premium
CL Standard	IPLUS-CLR-SFS	Repeater CL Full Type, MDR	Camera Link	Standard
	IPLUS-CLR-DBS	Repeater CL Dual Base Type, MDR	Camera Link	Standard
	IPLUS-CLR-SFS(S)	Repeater CL Full Type, SDR	Camera Link	Standard
	IPLUS-CLR-DBS(S)	Repeater CL Dual Base Type, SDR	Camera Link	Standard
	IPLUS-CLR-SBS(S)	Repeater CL Base Type, SDR	Camera Link	Standard

Camera Link Splitter

	Model	Description	Interface	Type
CLS	IPLUS-CLS-SF2	Splitter CL Base / Medium / Full, SDR	Camera Link	2Channel
	IPLUS-CLS-SF4	Splitter CL Base / Medium / Full, SDR	Camera Link	4Channel
	IPLUS-CLS-MF2	Splitter CL Base / Medium / Full, MDR	Camera Link	2Channel
	IPLUS-CLS-MF3	Splitter CL Base / Medium / Full, MDR	Camera Link	3Channel



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