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Dome Light

Coaxial Light

Special Lighting

Power Supplies

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Constant-current Power Supply `0-5v` `8bit` `232C` `485` `LAN`
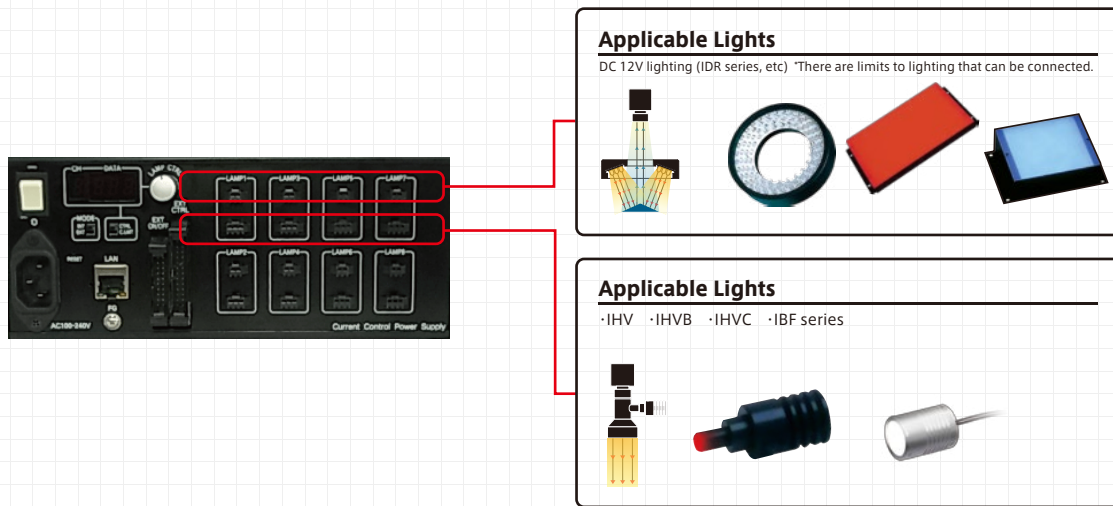
Multi-channel Constant-current Light Control Power Supply

IDCA series

Constant-current light control power supply capable of running a wide range of lighting
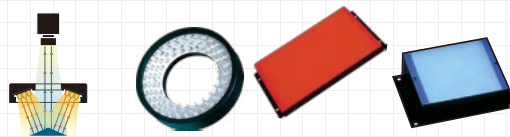
CE   PSE

Allows simultaneous connection of DC 12V lights and spot lights

Applicable Lights
DC 12V lighting (IDR series, etc) *There are limits to lighting that can be connected.

Applicable Lights
·IHV ·IHVB ·IHVC ·IBF series

The upper row of each channel allows direct connection of DC 12V lighting, while the lower row allows direct connection of current-control lights such as the IHV, IHVB, and IBF series.
When lights are connected to both the upper and lower rows at the same time, priority is given to lower row output.

IHV,IHVB,IHVC and IBF series can be connected simultaneously by configuring the maximum output current

Common Power Supply Specifications

Light Control System	Variable Output Current System
Input Voltage	Input Voltage AC 100 to 240V
Output Voltage	MAX DC 12V
Output Current	0 mA to maximum output current
Maximum Output Current	100 to 1,000 mA (each channel can be changed in 10 mA increments)
External ON/OFF Control	Independent for each channel
Protection Function	Output open, short detection, overcurrent, no load, fan error

When extention cable selecting, please check the instruction manual

*For details on external controls, see page 78 to 79.

Model	Channel numbers	External Control	Drawing
IDCA-1000M4-VI	4CH	Analog 0-5 V	1
IDCA-1000M4-PI		8-bit parallel	
IDCA-1000M4-S2		RS-232C communication	
IDCA-1000M4-S4		RS-485communication	
IDCA-1000M4-TP		LAN communication	
IDCA-1000M8-VI	8CH	Analog 0-5 V	2
IDCA-1000M8-PI		8-bit parallel	
IDCA-1000M8-S2		RS-232C communication	
IDCA-1000M8-S4		RS-485communication	
IDCA-1000M8-TP		LAN communication	

As the maximum output current can be set independently for each channel in the range of 100 to 1,000mA, it is possible to simultaneously run the IHV series at 350mA and the IHVB,IHVC,IBF series at 700mA.
The light control range can be varied in 256 levels from 0 mA to the set maximum output current.

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1 (IDCA-1000M4-□)
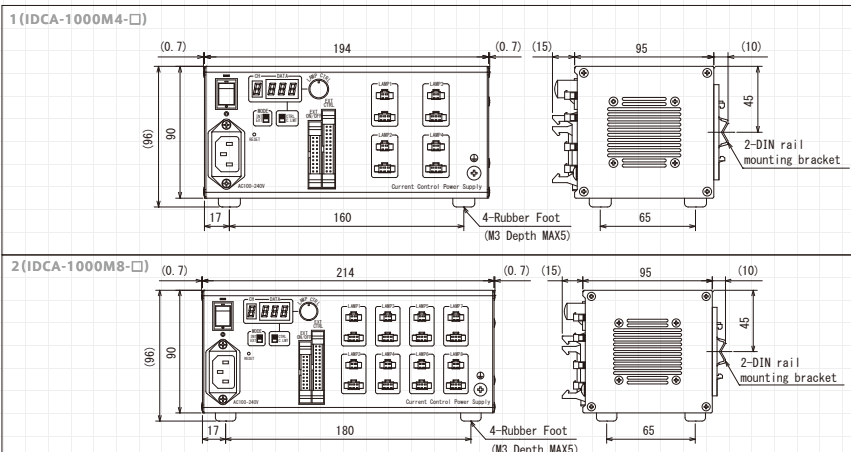
Control Panel Layout

2 (IDCA-1000M8-□)
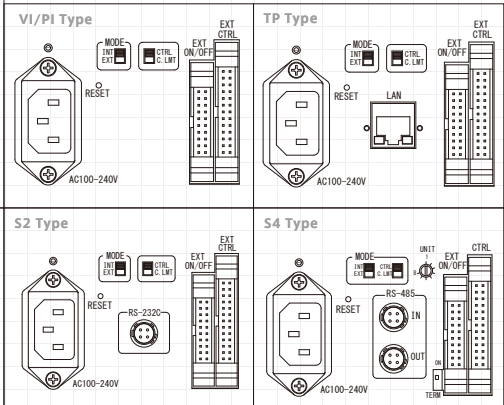
*□ represents the symbol for the type of external control.
VI: Analog 0-5 V, PI: 8-bit parallel, S2: RS-232C communication, S4: RS-485 communication, TP: LAN communication.