

DC 48V Output Constant Voltage Dimming Controller

120W~600W High-capacity Constant Voltage Controller(48V model) [IWDV(S)-48 Series]

Ideal high-capacity controller for line sensors and large surface illuminations

Output control of 1000 levels is possible

DC48V	CE*	PS E
LAN	10bit	

*The 600W model is not supported.



This is a controller that can control DC 48V IN LED illumination with variable voltage. It eliminates the concern of illumination synchronization even with ultra-high-speed shutter cameras and high-speed clock line sensor cameras.

- Ideal for line sensor cameras and high-speed shutter cameras because of its variable output voltage capability.
- Supports large illuminations with a power consumption of up to 600W, driven by DC48V. You can choose the optimal variable range according to the illumination by setting the output lower limit voltage.
- Switchable from LAN communication to parallel communication by external output control.

Applicable Illuminations



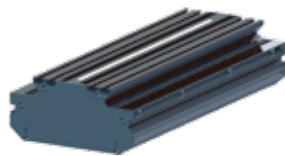
1,300,000 Lx ~Line illumination (Forced Air Cooling) IDBB-LSRF Series (P.37)



Best for Replacing fluorescent light illumination IDBA-RK Series (P.37)

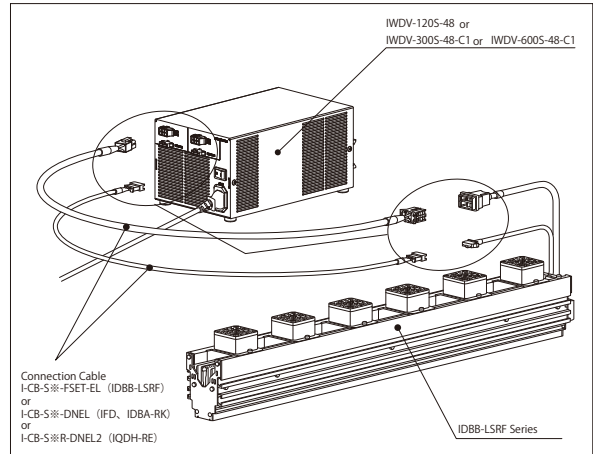


Backlight-High Uniformity Large Area Illumination IFD Series(P.113)



Half-pipe High Intensity Illumination for Line sensor camera(Natural Air Cooling) IQDH-RE Series (P.39)

Configuration Example



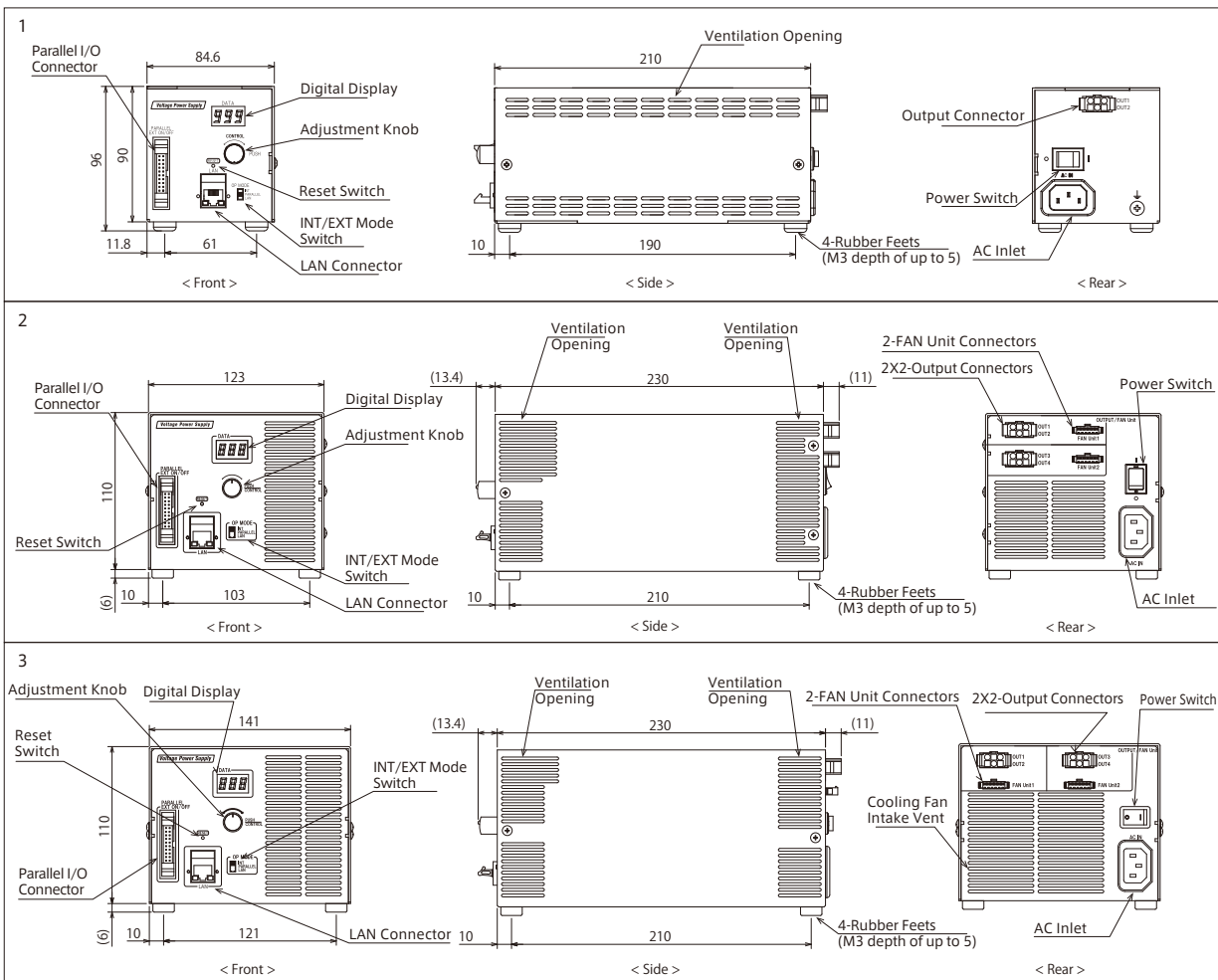
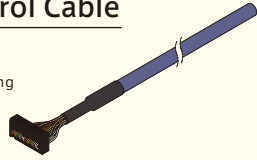
- Line illumination products
 - Ring illumination products
 - Bar illumination products
 - Transmitted/area illumination products
 - Dome illumination products
 - Special illumination products
 - Kit products
 - Controller products
 - Other illumination products
- IDBB-LSRF
 - IDBC-LSR
 - IDBA-LSRH
 - 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
 - IDBA-HM
 - IDBA-HMS
 - IDBA-HMS-IR
 - IDBA-FD
 - IDBA-LEH2
 - IDBA-LEH
 - IDBA-LE
 - IDBA-SE
 - IDBA-SL
 - IDBA
 - IDBA-Q
 - IFLA · IFLB
 - IDHM
 - IHMA
 - IHMA-V
 - IFPA
 - IFD-IR
 - IHMA-40D
 - IFPA-D
 - IPOC
 - IFHA
 - IDDB-KH · IDDA-KH
 - IDUB
 - IDD
 - IDD-CB
 - IQD · IQDH
 - IQDA-CB
 - IFVA · IFVB
 - IFVA-ST
 - IFV
 - IV-14 · IV-30
 - IHV-20 · IHVE-21
 - IHVA-SP · IHSL-SP
 - 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 video kit products
 - ISC-24
 - Image capture evaluation kit products
 - Kit products
 - IDMU
 - ILP
 - ILC
 - ILV
 - ILS
 - 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
 - SLLUB
 - LLUB
 - IFIC

Model	IWDV-120S-48	IWDV-300S-48-C1	IWDV-600S-48-C1
Control Method	Voltage-Variable Control System		
Input Voltage	AC100~240V 50/60Hz		
Rated Output	DC48V		
Capacity	120W	300W	600W
Number Of Output Channels	1 Channel(1 connector)		1 Channel(2 connectors)
External Control	External ON/OFF Control External Dimming Control (10-Bit Parallel Communication / LAN Communication)		
Exterior Diagram	1	2	3

External ON/OFF Control Cable

IC-MIL-20 Series

This is the control cable used for inputting external ON/OFF signals and outputting error status signals.



Line illumination products

Ring illumination products

Bar illumination products

Area illumination products

Transmitted/area illumination products

Special illumination products

Introduction of Customization

for products

Controller products

for products

- IDBB-LSRF
- IDBC-LSR
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBB-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
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- IHRB · IHRA
- IDR-F
- IDR-F33/16
- IDR
- IDR-LA
- IDRA-T
- IFR · IPR
- IDBA-HM
- IDBA-HMS
- IDBA-HMS-IR
- IDBA-FD
- IDBA-LEH2
- IDBA-LEH
- IDBA-LE
- IDBA-SE
- IDBA-SL
- IDBA
- IDBA-Q
- IFLA · IFLB
- IDHM
- IHMA
- IHMA-V
- IFPA
- IFD
- IFD-IR
- IHMA-40D
- IFPA-D
- IPQC
- IFHA
- IDDB-KH · IDDA-KH
- IDUB
- IDD
- IDD-CB
- IQD · IQDH
- IQDA-CB
- IFVA · IFVB
- IFVA-ST
- IFV
- IV-14 · IV-30
- IHV-20 · IHV-21
- IHVA-SP · IHSL-SP
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- IPSA · IPPA
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- SLUB
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- IFC