

DC 24V Output Constant Voltage Dimming Controller

# High-capacity Digital Constant Voltage Controller(24V Model)

## [ IWDV-24 Series ]

Ideal high-capacity controller for line sensors and large surface illuminations  
2-channel controller reasled !Support to control up to a maximum of 4 channels with slave connection

DC24V	CE	PS E
LAN	10bit	

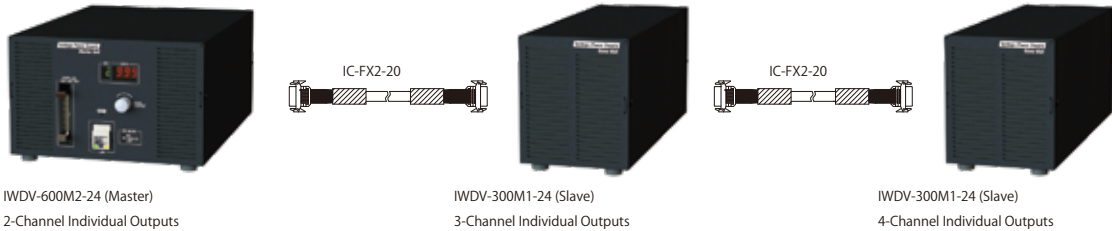


This is a controller that can control DC 24V IN LED illumination with variable voltage.  
It eliminates the concern of illumination synchronization even with ultra-high-speed shutter cameras and high-speed clock line sensor cameras.

- Ideal for line sensor cameras and high-speed shutter cameras because of its variable output voltage capability.
- This controller offers various variations to connect LED illuminations with power consumption of 100W, 300W, and 600W, all powered by DC 24V. It allows for versatile usage with a wide range of illuminations.
- Switchable from LAN communication to parallel communication by external output control.

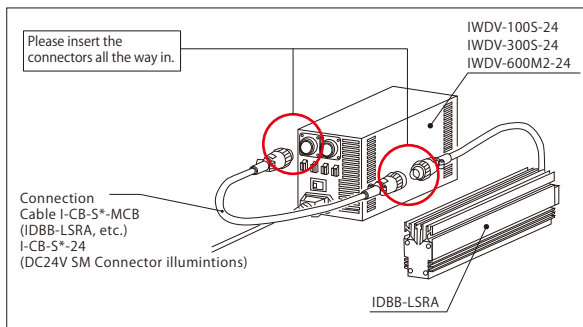
### 2CH to 4CH Configuration: Connection Method for IWDV-600M2-24 (Master) with IWDV-300M1-24 (Slave)

By connecting the IWDV-600M2-24 (Master) with the IWDV-300M1-24 (Slave), you can achieve output control for up to 4 channels (4CH) in total.



★The IWDV-600M2 series uses IC-MIL-26-□(cable length) for 10-bit parallel communication and external ON/OFF control.

### 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

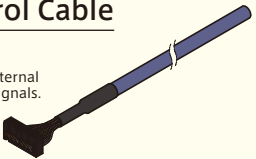
Model	IWDV-100S-24	IWDV-300S-24	IWDV-600M2-24 (Master)	IWDV-300M1-24 (Slave)
Control Method	Voltage-Variable Control System			
Input Voltage	AC100~240V 50/60Hz			
Rated Output	DC24V			
Capacity	100W	300W	Total 600W(300W/CH)	300W
Number Of Output Channels	1 channel with 5 connectors in total (Metal connector × 1 / SM connector × 4)	1 channel with 6 connectors in total (Metal connector × 2 / SM connector × 4)	2 channels with 4 connectors /CH (Metal connector × 2 / SM connector × 2)	1 channel with 4 connectors in total (Metal connector × 2 / SM connector × 2)
External Control	External ON/OFF Control External Dimming Control (10-Bit Parallel Communication / LAN Communication)			
Exterior Diagram	1	2	3	4

Line illumination products  
 Ring illumination products  
 Bar illumination products  
 Dome illumination products  
 Special illumination products  
 Other products  
 Controller products  
 Introduction of Customization  
 High speed synchronous imaging camera products  
 Image capture evaluation kit products

### External ON/OFF Control Cable

#### IC-MIL-20 Series

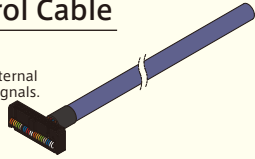
This is the control cable used for inputting external ON/OFF signals and outputting error status signals. For external ON/OFF control of IWDV-100S-24 & IWDV-300S-24, please use this IC-MIL-20 series.



### External ON/OFF Control Cable

#### IC-MIL-26 Series

This is the control cable used for inputting external ON/OFF signals and outputting error status signals. For external ON/OFF control of IWDV-600M2-24, please use the IC-MIL-26 series.



### Measter ~ Slave Connection Cable

#### IC-FX2-20 Series

This is the connection cable required when connecting IWDV-300M1-24 as a slave for expanding the output from 2CH to a maximum of 4CH individual outputs.

