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LIC-X256N

Light Intensity Control LIC-X256N

The light control units of the digital LIC series are available with 2, 4, 8, or even 16 channels



Each channel has its own isolated trigger input. The brightness can be easily controlled for each channel via a supplied RS-232 cable using a PC. The LIC-2256N and LIC-4256N models also have an additional display and buttons, allowing manual adjustment of brightness. Intensity regulation is achieved using 120kHz PWM in 256 steps, providing low losses and high color accuracy. In strobe mode, the flash time can be limited to 7.5ms to ensure safe operation of the LEDs even under these demanding conditions.

The digital control units are specially designed for larger applications and remain easy to use. Connection cables and RS-232 cables are included in the scope of delivery.

LIC - 2 & 4 Channel Light Intensity Control



- LIC-X256 Manual (PDF/5 MB)
- Programming example (Visual C++) (ZIP/3 MB)
- Falcon-LIC.exe (ZIP/8 KB)
- Falcon LabVIEW on request

Model	Type	Input/Output Voltage [V]	Power per Channel [W]	Options
LIC-2256-N	2 Channel Continuous, Trigger, Strobe Mode (Strobe limit: 7.5ms)	12-48V	45W on 24V	PWM
LIC-2256-N-4A	2 Channel Continuous, Trigger, Strobe Mode (Strobe limit: 7.5ms)	12-48V	up to 90W on 24V	PWM
LIC-4256-N	4 Channel Continuous, Trigger, Strobe Mode (Strobe limit: 7.5ms)	12-48V	45W on 24V	PWM
LIC-4256-N-4A	4 Channel Continuous, Trigger, Strobe Mode (Strobe limit: 7.5ms)	12-48V	up to 90W on 24V	PWM

LIC - 8 & 16 Channel Light Intensity Control



- Falcon-LIC.exe (ZIP/8 KB)
- Falcon LabVIEW on request

Model	Type	Input/Output Voltage [V]	Power per Channel [W]	Options
LIC-8	8 Channel Continuous, Trigger, Strobe Mode	12-48V	24-96W	PWM
LIC-16	16 Channel Continuous, Trigger, Strobe Mode	12-48V	24-96W	PWM

Accessories - DIN rail adapter for LIC-x256

Article No.	Description	Compatible	Drawing
6-256-H	DIN rail adapter kit	LIC-S, LIC-2256N, LIC-4256N	Drawing 100 KB

Compatible with, among others

✓ Allied Vision (AVT) | ✓ Baumer / VeriSens | ✓ Basler | ✓ Cognex / In-Sight | ✓ IDS | ✓ Keyence Vision Sensor | and more

*Assembly instructions and connection examples can be sent to you individually upon request. We are happy to assist you with the configuration.

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