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ViE Introduces the ViE's Illumination Product Series - Industrial Light Source Controller iL3K28-U3 (LSC-0007)



Industrial Light Source Controller iL3K28-U3 (LSC-0007)

PENANG, MALAYSIA - OCTOBER 2021 - ViE Technologies, a wholly-owned subsidiary of ViTrox Corporation Berhad, is introducing the Industrial Light Source Controller iL3K28-U3 (LSC-0007) from its Illumination Products Group.

iL3K28-U3 (LSC-0007) plays a critical role in the lighting system. It enables users to automatically turn on/off the lights using the given settings. The automatic feature also enables users to adjust the light output intensity.

Besides, iL3K28-U3 also provides basic lighting control. This gives iL3K28-U3 the flexibility to fulfil visual needs while automatically lowers the energy consumption and improves light source sustainability.

iL3K28-U3 is a light source controller that features a controller board with 8 analog output channels to drive light sources (LEDs) for the industrial light system. It is capable of supporting up to 2A per channel current drive with 13,107 steps resolution and 16 digital bidirectional inputs

to trigger 8 analog outputs (TRIG and RST for each channel). Besides, iL3K28-U3 comes with digital input noise filtering at the same time providing an analog output pulse width protection up to 0.1s.

Beyond that, iL3K28-U3 also comes with many enhanced benefits. This light source controller also supports light source intensity with a triggering speed up to 1.5kHz. It is designed with a 4-way dip switch for board ID configuration (maximum cap is 16). With that, iL3K28-U3 is capable of supporting 30 configurable current settings per channel.

Ultimately, iL3K28-U3 is able to support light sources with current control of 24V to 48V. It is also capable of flexible channel grouping and provides up to 3 different light modes in continuous, sequence, and pulse mode. This light source controller also comes with an additional feature for configuration through USB serial communication (DLL or software UI).

ViE will always continue to develop and innovate in technology advancement for its light sources and light source controllers. Intrigued to learn more about ViE's Illumination Group? Contact our sales expert via care@vie.com.my for sales assistance.