LIGHTING SOLUTIONS

NEW

VS | PRODUCT NEWS

iMCU – FLEXIBLE, EFFICIENT AND INDEPENDENT MANAGEMENT OF STREET LIGHTING

Our Light Controller: Small in Size, Big on Functions

Many of the functions that the iMCU now provides once started life as a customer request. Whether the issue was recognition of standard/daylight saving time, finding out whether street luminaires are working within their specifications or the frequently voiced question of "Can I adjust parameters at a later date?", the answer as of today is: "Yes, no problem!"

Parameter Settings Made Easy

No one wants to spend time setting the parameters of every single controller, especially if, for instance, a one-time weekend event is the reason. The **iMCU** is perfect for luminaires that need only to be switched on or off and for which tried-and-tested powerline or wireless technology is too complex and too expensive. We have developed a protocol that lets you adjust the functions of all connected iMCUs either yourself via SPS/PLC or using our iCTI hand-held unit directly from the sub-distribution, the distribution board or the distribution cabinet.

Advantages of the new iMCU

- More than 12 functions make the iMCU as flexible as a small light management system
- Effective since not every luminaire has to be individually programmed
- Efficient since every imaginable dimming curve can be set for nights
- Up-to-date since the firmware is constantly being modified with new functions and is provided for download free of charge
- Manufacturer-independent since every LED driver will behave uniquely in response to its programming
- User-friendly and as simple as a smartphone.

iMCU

iCTI

You too can convert your street luminaires with **VS iMCU** – a great incentive to buy.

Your VS Sales Team

iMCU Functions

- **Dimming level / Dimming sequence**
  - DALI / 1–10 V / PWM
  - Lighting is switched on later or switched off earlier (DPC)
  - Dimming sequence (DOO)
- **Scheduled lighting**
  - Automatic recognition of standard/daylight saving time (DST)
  - Lighting control in accordance with the region and/or night phase (ISD)
  - Switching using a control cable (LST)
  - Random function: randomly selected time to switch lighting on
- **Protective function**
  - Thermal management: luminaires are dimmed or switched off in the event of overheating
- **Energy savings**
  - Maintenance factor function (MFF): adjustment of a luminaire's non-linear decrease in luminous flux
- **Documentation per controller**
  - Various data can be measured, e.g. length of time spend switched on, frequency of switching on, max. operating temperature, length of time temperature was exceeded

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A member of the Panasonic group Panasonic

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