**Basler Light Controller 4C-1.25A-84W-24V -** 2200001192

The Basler Light Controller 4C-1.25A-84W-24V allows you to use any Basler Standard Light as well as any other light device in your environment.

If you directly connect the lights to the controller, you can specify the output current supplied to the light which in turn controls the brightness. Alternatively, you can use a camera as an external trigger source allowing you to turn the light on or off.



**Specifications**

**General Specifications**

|  | Basler Light Controller 4C-1.25A-84W-24V |
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| Input Voltage | 100–240 VAC |
| Power Consumption | 120 W (typically) |
| Driver Method | Constant-current system |
| Brightness Control Method | Manual (10 mA – 1.25 A) or via current limit |
| Communication Port | 100/10 Mbps Ethernet (TCP/UDP IP) |
| Number of Channels | 4 |
| External Trigger Response | <50 µs |
| Protection | Short circuit protectionOver temperature protectionCurrent limit circuit |
| Channel 1–4 Output Voltage (Rate) | 8–24 VDC |
| Channel 1–4 Maximum Output Current (per Channel) | 1.25 A |
| 12 V Output Voltage (Rate) | 12 VDC |
| 12 V Maximum Output Current | 0.5 A |
| Max. Output Power | 30 W per channel; 84 W total (incl. channel 1–4 and 12 VDC Output) |
| Ripple Current | <15 % @ 24 VDC/1.25 A |
| External Trigger Input | 12–24 VDC; External On/Off trigger with High/Low active select |
| Size (L x W x H) | 147 x 100 x 129 mm |
| Weight | 1000 g (max.) |
| Connectors | 4 x 3-pin JST-SMR female connector (light)7-pin PCB terminal block connector (trigger input)RJ45 Ethernet connector3-pin C14 connector (power input) |
| Conformity | CE (includes RoHS), UKCA, FCC, KC, REACH, PSE |
| Package Contents | Basler Light Controller 4C-1.25A-84W-24VDIN rail bracket and screw (2200001191)7-pin DC trigger connector (2200001264) |
| Accessories | AC power supply cableBasler Standard Lights |