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Innovation to the Core



inspect
award 2025
winner

iPulse COM Series

iCore Smart LED Strobe Controller



Perfect Compatible
with diverse global lighting products



Cost Efficiency
Competitive High-Performance Strobe Controller



Powerful Overdrive
Up to 10x Overdrive



Individual channel Triggering
Flexible Lighting Control



Min. Pulse Width
 $\geq 4\mu s$



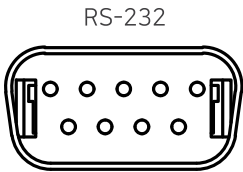
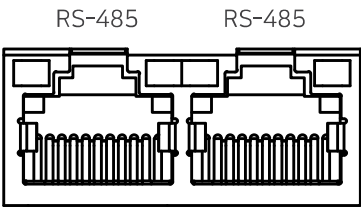
On The Fly Inspection
Providing brighter images at high-speed magnification

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Specifications

Model	No. of channel	Min. Pulse width	Max. Switching freq.	Max. Voltage output	Max. Current output (Continuous/Pulse)	Max. Power Output (Channel / Total)	Sequence Control
IP-COM2-02	2	4μs	70kHz	48V	2A / 2A	48W / 200W	0
IP-COM2-10	2				2A / 10A	48W / 200W	0
IP-COM2-20	2				2A / 20A	48W / 200W	0
IP-COM4-02	4				2A / 2A	48W / 200W	0
IP-COM4-10	4				2A / 10A	48W / 200W	0
IP-COM4-20	4				2A / 20A	48W / 200W	0
IP-COM8-02	8				2A / 2A	48W / 250W	0
IP-COM8-10	8				2A / 10A	48W / 250W	0
IP-COM8-20	8				2A / 20A	48W / 250W	0
IP-COM16-02	16				2A / 2A	48W / 300W	0
IP-COM16-10	16				2A / 10A	48W / 300W	0
IP-COM16-20	16				2A / 20A	48W / 300W	0

Interface Pin-map.



RS-485 PORT PIN CONFIGURATION		
3	RS485 Data(A)+	Non-inverting receiver input & driver output
6	RS485 Data(B)-	Inverting receiver input & driver output
4	Trigger Input -	Trigger input RJ45 Port -
5	Trigger Input +	Trigger input RJ45 Port +
7,8	GND	Ground

RS-232 PORT PIN CONFIGURATION		
2	RXD	Receive Data
3	TXD	Transmit Data
5	GND	Ground

Dimensions (mm)

