

icore

Innovation to the Core



inspect
award 2025
winner

iPulse LED Strobe Controller



Ultra-fast pulse generation
 $\leq 0.5\mu s$ at up to 200A



Powerful Overdrive
Up to 10x Overdrive



Fast Reaction Speed
 $< 0.5\mu s$



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



Auto Voltage
for flexible power supply



Perfect Compatible
with diverse global lighting products

Line-up

iPulse A Series : The Most Powerful iPulse

Model	Channel	Min. Pulse width	Max. Frequency	Max. Voltage output	Max. Current output (Continuous/Pulse)	Max. Power (Per Channel / Total)
IP-1P1S-20A	1	0.5μs	300kHz	80V	2A / 20A	30W / 30W
IP-1P1S-50A	1			80V	5A / 50A	30W / 30W
IP-1P1S-100A	1			80V	5A / 100A	30W / 30W
IP-2P2S-20A	2			80V	2A / 20A	30W / 60W
IP-2P2S-50A	2			48V	5A / 50A	125W / 250W
IP-2P2S-200A	2			48V	20A / 200A	250W / 500W
IP-2P2S-200B	2			48V	20A / 200A	500W / 1000W
IP-4P4S-20A	4			48V	3A / 20A	75W / 300W
IP-4P4S-50A	4			48V	3A / 50A	75W / 300W
IP-8P8S-20A	8			48V	3A / 20A	75W / 600W

iPulse Flashing Series : Powerful Overdrive Performance

Model	Channel	Min. Pulse width	Max. Frequency	Max. Voltage output	Max. Current output (Continuous/Pulse)	Max. Power (Per Channel / Total)
IP-1P1S-200A	1	0.5μs	1kHz	80V	5A / 200A	30W / 30W
IP-1P4S-20A	4			80V	0.2A / 20A	30W / 30W
IP-1P4S-50A	4			80V	0.5A / 50A	30W / 30W
IP-1P4S-100A	4			80V	1A / 100A	30W / 30W

iPulse C Series : High-Speed Performance with competitive price

Model	Channel	Min. Pulse width	Max. Frequency	Max. Voltage output	Max. Current output (Continuous/Pulse)	Max. Power (Per Channel / Total)
IP-1P1S-2C	1	0.5μs	300kHz	80V	2A / 2A	30W / 30W
IP-1P1S-5C	1			80V	5A / 5A	30W / 30W
IP-1P1S-30C	1			48V	30A / 30A	500W / 500W
IP-2P2S-2C	2			80V	2A / 2A	30W / 60W
IP-2P2S-5C	2			48V	5A / 5A	125W / 250W
IP-4P4S-1C	4			48V	1A / 1A	75W / 300W
IP-4P4S-3C	4			48V	3A / 3A	75W / 300W
IP-8P8S-3C	8			48V	3A / 3A	75W / 600W