

icore

Innovation to the Core



iPulse

'A' Series

iCore Smart LED Strobe Controller



Max. Frequency
300kHz



Powerful Overdrive
Up to 10x Overdrive



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



Multi Sequence
One scan, multiple images acquired



Fast Current Response
 $0.5\mu\text{s}$

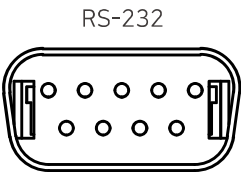
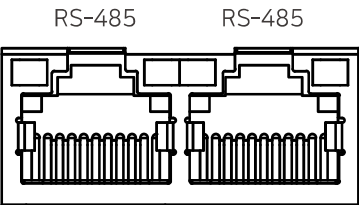


On The Fly Inspection
Providing brighter images at high-speed magnification

Specifications

Model	No. of 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

Interface Pin-map.

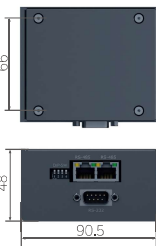


RS-485 PORT PIN CONFIGURATION		
3	RS485 Data(A)+	Non-inverting receiver input & driver output
6	RS485 Data(B)-	Inverting receiver input & driver output
4	Trigger Input -	Trigger input RJ45 Port -
5	Trigger Input +	Trigger input RJ45 Port +
7,8	GND	Ground

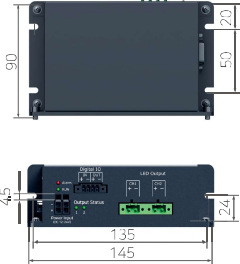
RS-232 PORT PIN CONFIGURATION		
2	RXD	Receive Data
3	TXD	Transmit Data
5	GND	Ground

Dimensions (mm)

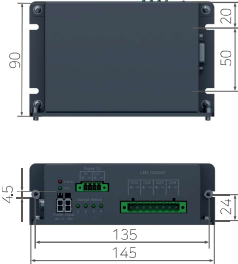
1channel



2channel



4channel



8channel



IP-2P2S-200A
IP-2P2S-200B

