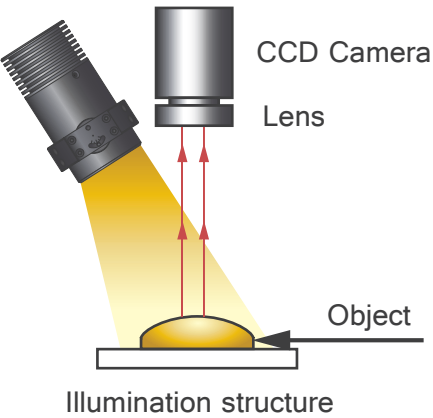


PJTRS/PJTA/PJTD Series

Structured Light Projectors



Product Features

- Scheimpflug tilt adjustment compatible with C-mount lens.
- Light pattern can be customized according to the application.
- Higher LED power from 3W/5W/20W continuous to 150W strobe options.

Model Guide

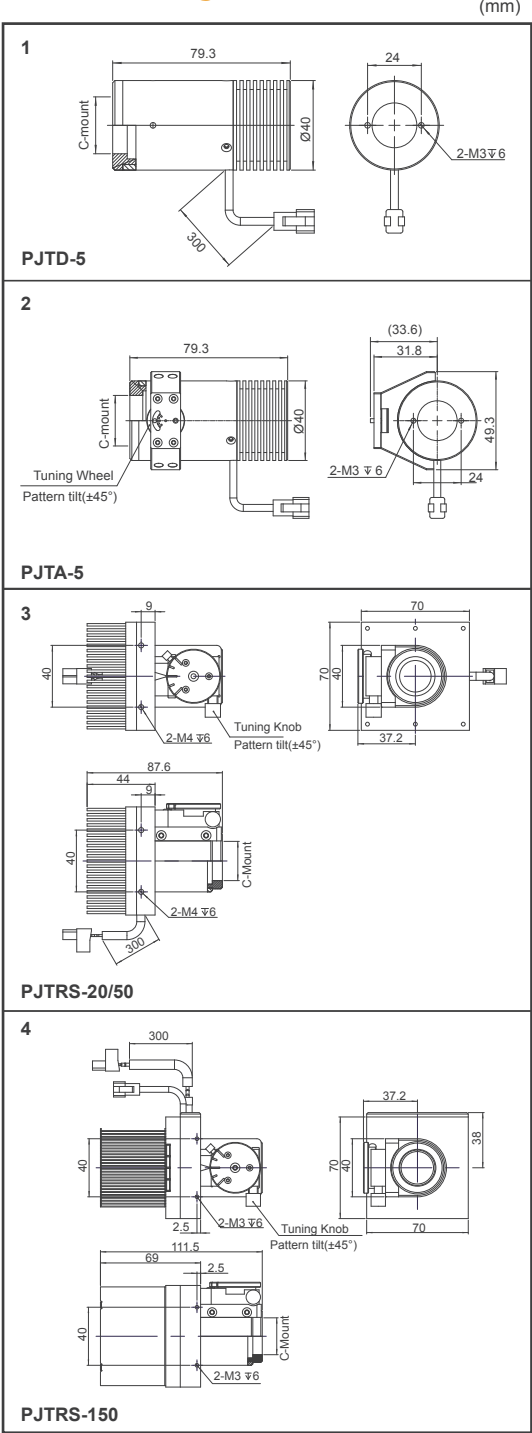
PJTRS	150	W	R01
Series PJTRS = Structured Light Projector with Precision Mask Rotary Stage	Power 150 = 150W	Color W = White	Mask Format R01 = RandomSize : $\varnothing 50\mu\text{m}$ Density : 19.80 %

Specification Table

Model	Color	Current / Power	Interface Diameter	Diagrams
PJTD-5	● ● ● ●	1.5A / 5W	C mount	1
PJTA-5	● ● ● ●	1.5A / 5W	C mount	2
PJTRS-20	● ● ● ●	Continuous : 4A/20W Strobe : 10A/50W	C mount	3
PJTRS-150(pulse)	● ● ● ●	Continuous : 8A/40W Strobe : 30A/150W	C mount	4

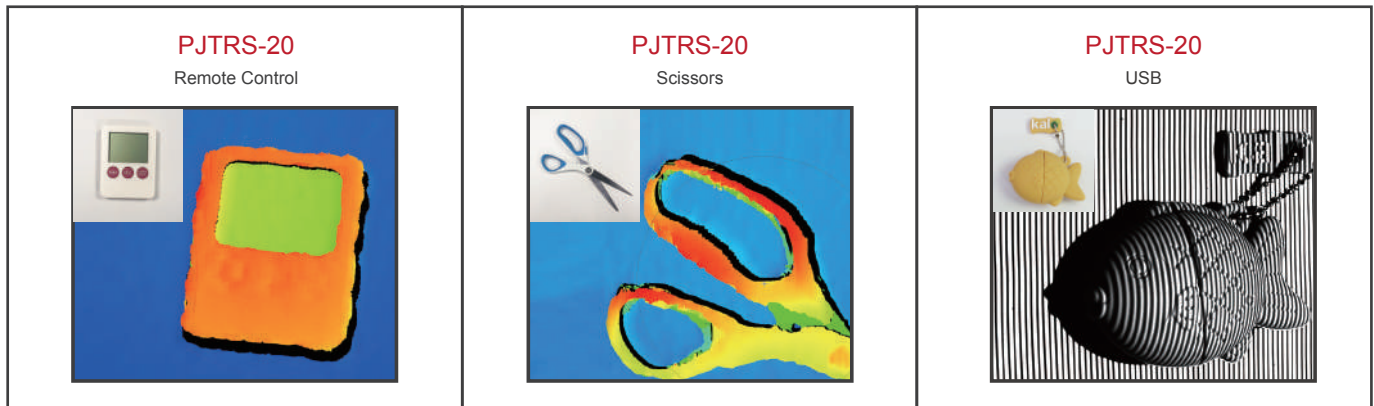
※ Only operated by constant current LED driver, and please pay attention to rated current

Linear Diagram



▲ 鏡頭不包括圖片當中

◆ Case Pictures



◆ Mask Format

Line & Stripes



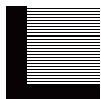
L01
Line Thickness : 0.005mm
Line Gap : 0.005mm



L02
Line Thickness : 0.050mm



L03
Line Thickness : 0.009mm
Line Gap : 0.009mm



L04
Line Thickness : 0.015mm
Line Gap : 0.015mm



L05
Line Thickness : 0.050mm
Line Gap : 0.050mm



L06
Line Thickness : 0.050mm
Line Gap : 0.450mm

Cross

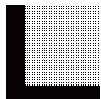


G05
Line Thickness : 0.050mm



G06
Line Thickness : 0.500mm

Grids



G01
Line Thickness : 0.005mm
Line Gap : 0.015mm



G02
Line Thickness : 0.050mm
Line Gap : 0.100mm



G03
Line Thickness : 0.015mm
Line Gap : 0.015mm



G04
Line Thickness : 0.050mm
Line Gap : 0.450mm

Concentric Circle



C02
Center Dot Diameter &
Line Thickness : 0.050mm
Circle Gap : 0.050mm



C04
Center Dot Diameter &
Line Thickness : 0.010mm
Circle Gap : 0.030mm

Edge



C03
Circle Diameter : 10mm
Circle Line Thickness : 0.100mm

Point Array



P01
Dot Diameter : 0.050mm
Center Dot Gap : 0.950mm

Random Dots



R01
Dot Diameter : 0.050mm
Minimum Dot Gap : 0.025mm
Dot Quantity : 12924



R02
Dot Diameter : 0.050mm
Minimum Dot Gap : 0.025mm
Dot Quantity : 10343



R03
Dot Diameter : 0.050mm
Minimum Dot Gap : 0.025mm
Dot Quantity : 7768



R04
Dot Diameter : 0.020mm
Minimum Dot Gap : 0.020mm
Dot Quantity : 34851



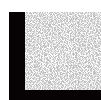
R05
Dot Diameter : 0.020mm
Minimum Dot Gap : 0.020mm
Dot Quantity : 42690



R06
Dot Diameter : 0.020mm
Minimum Dot Gap : 0.020mm
Dot Quantity : 53462



R07
Dot Diameter : 0.005mm
Minimum Dot Gap : 0.005mm
Dot Quantity : 586543



R08
Dot Diameter : 0.005mm
Minimum Dot Gap : 0.005mm
Dot Quantity : 302855



R09
Dot Diameter : 0.010mm
Minimum Dot Gap : 0.010mm
Dot Quantity : 141819



R10
Dot Diameter : 0.010mm
Minimum Dot Gap : 0.010mm
Dot Quantity : 74332