

Ultra-Compact Industrial endoscope with LED lighting

Introducing the New Model



Introducing the Next Evolution:
Your New Guide to Advanced Image Inspection

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Featuring Integrated LED Lighting

- POINT 1** Launching Three Models with Selectable Lighting Options
- POINT 2** Achieving Ultra-Compact Heads as Small as 1.05 x 0.75 [mm] {0.04 x 0.03 [in]} with Integrated Lighting
- POINT 3** 160,000 pixels (30 fps), Head cable length (approx. 2 m {6.56 ft})

This Ultra-Compact head makes inspections possible at previously inaccessible areas with as high as 160,000 pixels resolution.

Specifications

	NEW PxCam_EU2R02C-M3	PxCam_EU2R02C-S120	PxCam_EU2R02C-A90	PxCam_EU2R02C-A120	PxCam_EU2R02C {Without LED lighting}
Size	1.05 x 0.75 x 4 [mm] {0.04 x 0.03 x 0.16 [in]}	1.25 x 1.25 x 4 [mm] {0.05 x 0.05 x 0.16 [in]}	1.8 x 1.8 x 6.25 [mm] {0.07 x 0.07 x 0.25 [in]}		1.05 x 1.05 x 2.27 [mm] {0.04 x 0.04 x 0.09 [in]}
Sensor	OH0TA10		OV6946		OVM6946
Pixels	400 x 400				
Pixel pitch	1.008 um		1.75 um		
Angle (diagonal)	120°		90°	120°	
F No	2.8		4.0	5.0	
Focal length	0.175 mm {0.01 in}		0.505 mm {0.02 in}	0.418 mm {0.02 in}	
Interface	USB2 (UVC1.1)				
LED Lighting	with 1-side LED *Ref. shape image「M3」	with 4-side LED *Ref. shape image「S120」	with 4-side LED *Ref. shape image「A120・A90」		without LED

