

# Percipio Industrial 3D Camera FM815/FM855

## Accuracy and Speed Balanced RGB-D Camera



### Highlights



Patented active stereo technology



Millimeter accuracy at distance up to 3m



Mid end product for wide range of applications

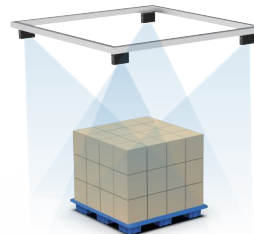
### Applications



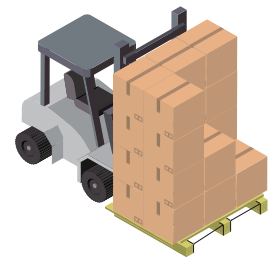
Pick&Place



Bin Picking



Dimensioning



Pallet Positioning

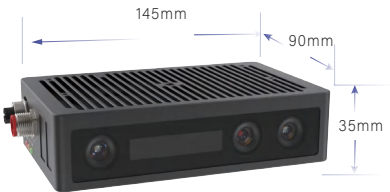
# Specification

Model	FM815-IX-E1	FM855-E1
Working Distance	0.8m-3m	
FOV (H/V)	60°/ 48°	
Frame Rate	5 fps	15 fps
Accuracy(Z)	1.56mm@1000mm; 1.8mm@1500mm	1.33mm@1000mm; 2.3mm@1500mm
Accuracy(XY)	3.2mm@1000mm; 4.8mm@1500mm	6.86mm@1000mm; 10.29mm@1500mm
Depth Resolution	1280 * 960	
RGB Resolution	2560 * 1920	
IP Rating	IP65	
Power Consumption	≤ 11.3W	≤ 9W
Size	145 mm * 35 mm * 90 mm	
Weight	620g	
Power Supply	DC 24V ; PoE(IEEE802.3af/at)	
Data Connector	M12 X-Code, 8-pin, female connector	
Power & Trigger Connector	M12 A-Code, 8-pin, male connector	

## Size

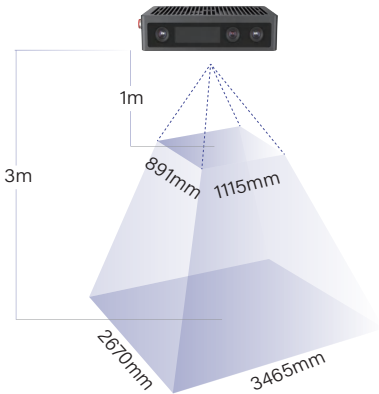


FM815-IX-E1



FM855-E1

## FOV



FM815/FM855



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