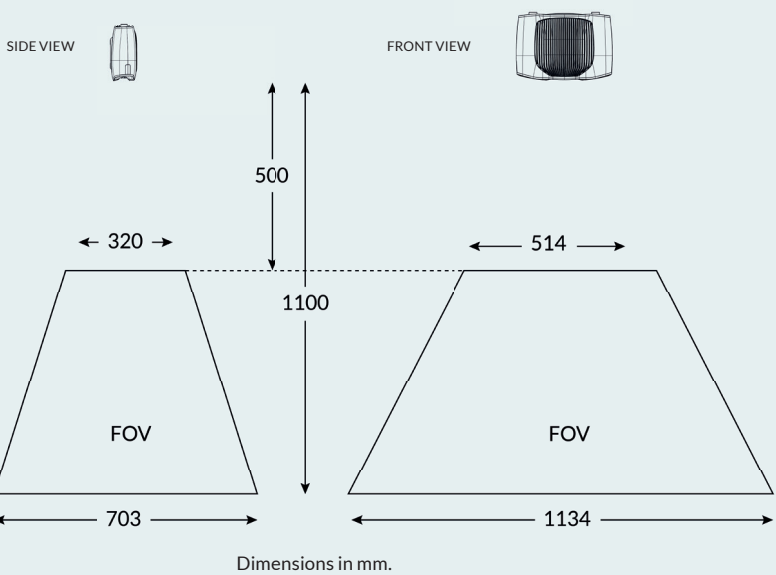
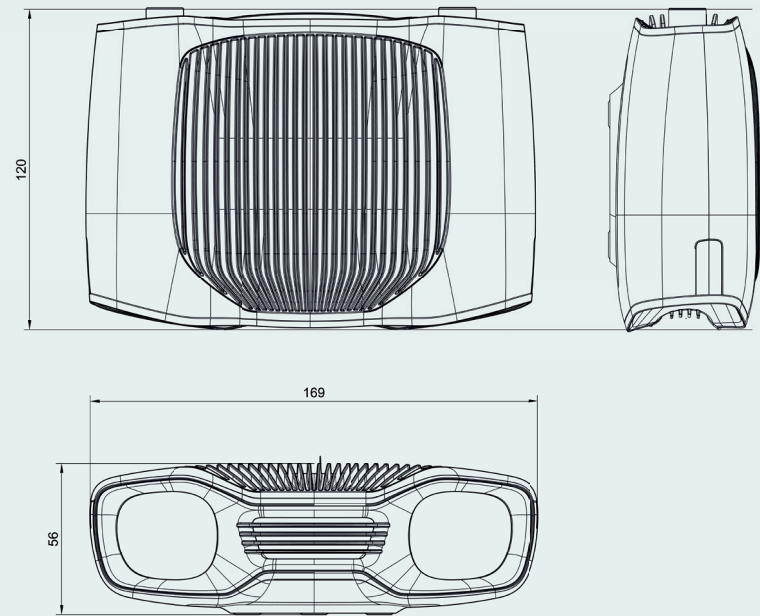


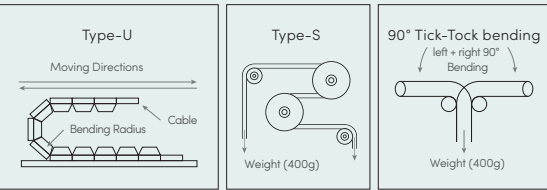
Pickit M-HD2 facts



CAMERA TECHNICAL SPECIFICATIONS	
3D measurement method	Structured light
3D image capturing time	From 200 ms
3D camera resolution (pixels)	1944 x 1200 (2.3 MP)
3D camera accuracy (%)	< 0.4 %
3D camera accuracy (mm)*	1 - 2 mm
Estimated picking accuracy**	1.5 x 3D camera accuracy
(Optimal) working distance	500 - 1100 mm
Field of view	735 x 448 mm @ 0.7m 1049 x 640 mm @ 1m
3D camera weight	880 g
3D camera connection to PC	M12-8 (Ethernet)
PC connection to robot	TCP/IP over Ethernet
Power supply	M12-5 24VDC
Temperature	0°C to 40°C
IP rating	IP65
Vibrations	5G Random, 15G Shock
Conforms to	CE, CB, EN62368, FCC class B

* A larger FOV has lower 3D camera accuracy
** Average accuracy from the real production environment

CAMERA CABLE TECHNICAL SPECIFICATIONS	
5 m / 10 m / 25 m	
High-Flex / Continuous-Flex	
- Type-U (R= 67.5mm - 5.000.000 times) - Type-S (R= 60mm - 1.000.000 times) 90° Tick-Tock bending (R= 60mm - 1.000.000 times)	



PROCESSOR	
Power consumption	
- While turned off: 3 W - Booting: 35 W - Idle: 25 W - Heavy processing: 85 W	
Technical specifications	
- Processor: 6 cores (12 threads) at 3.7 Ghz 19 inch server: rack compatible (1U) - Temperature: 5°C to 40°C - Vibrations: 1Grms (HDDx1); 3 Grms (SSD x 1) - IP rating: IP20 - Humidity: 10-85% @ 40°C - Weight: 2.5 kg	

USE PICKIT WITH THE ROBOT OF YOUR CHOICE

