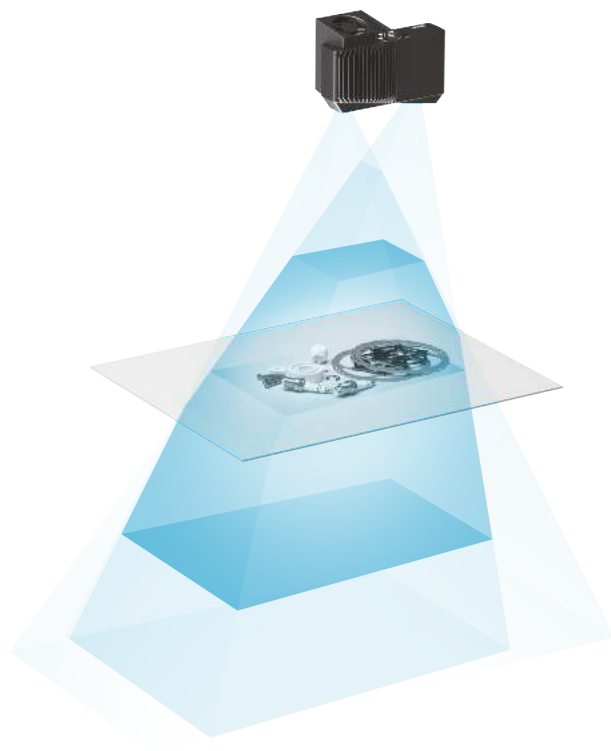


3D彩色相机



小视野



成像范围

0.3 - 0.8m



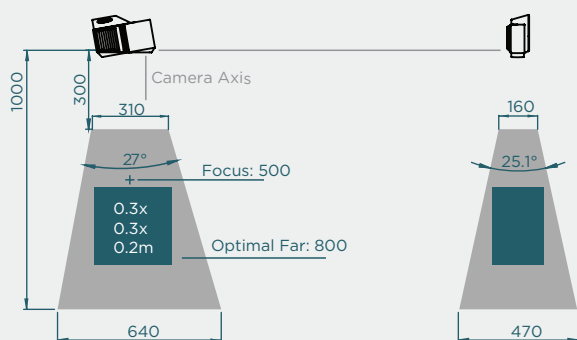
精度/
z-noise

0.03mm @ 0.3m
<0.2mm @ 1.0m



最大成像距离

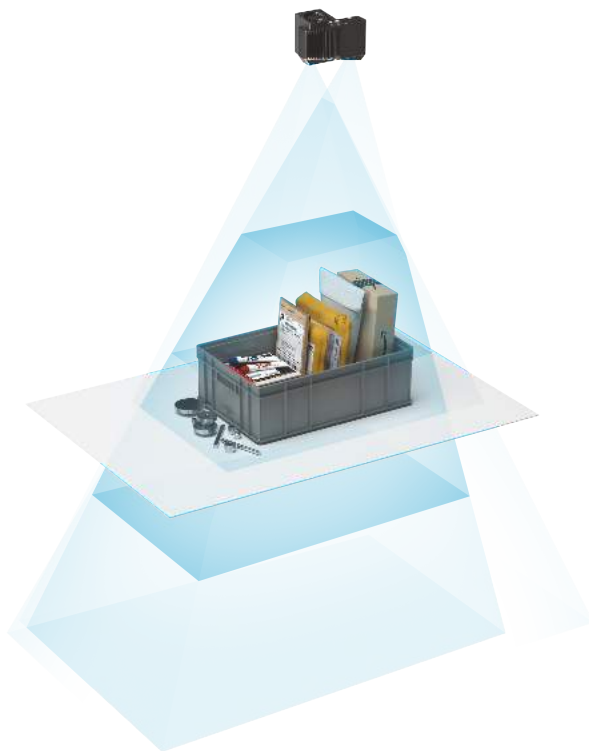
1.0m



Small

- Objects on tables, in trays or boxes
- Picking, inspection and verification applications

中视野



成像距离

0.6 - 1.6m



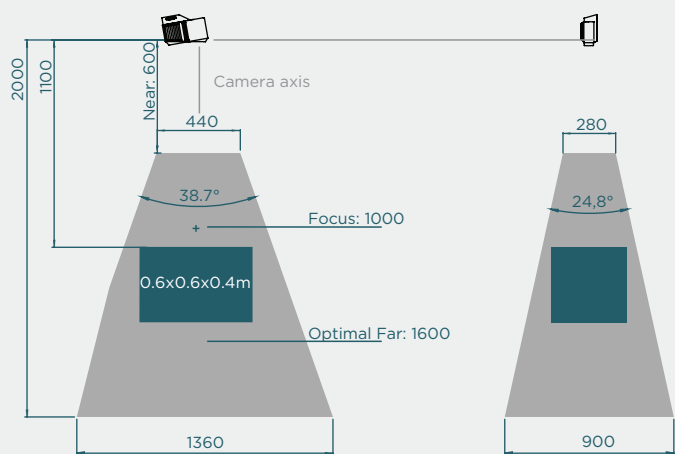
精度/
z-noise

0.07mm @ 0.6m
<1.0mm @ 2.0m



最大成像范围

2.0m

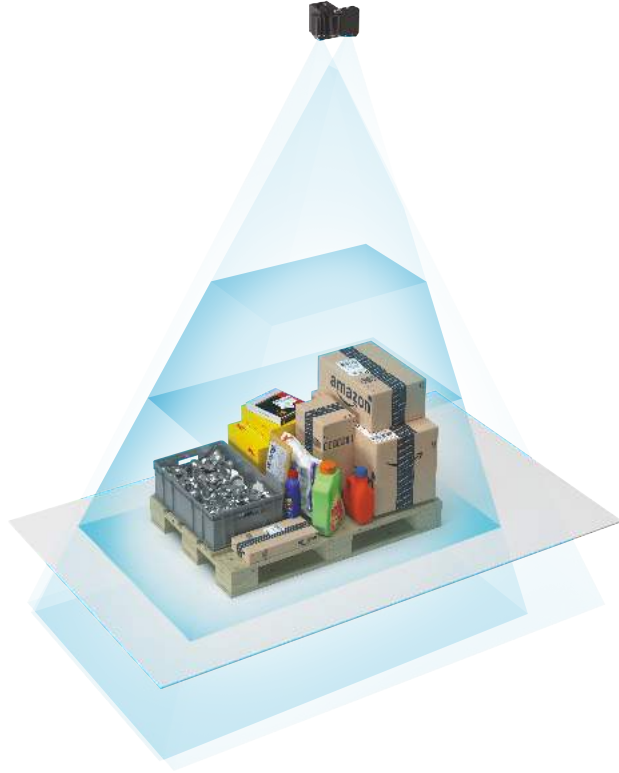


Medium

- Objects on tables, in standard totes or bins
- Picking, assembly, and control applications



大视野



光学范围

1.2 - 2.6m



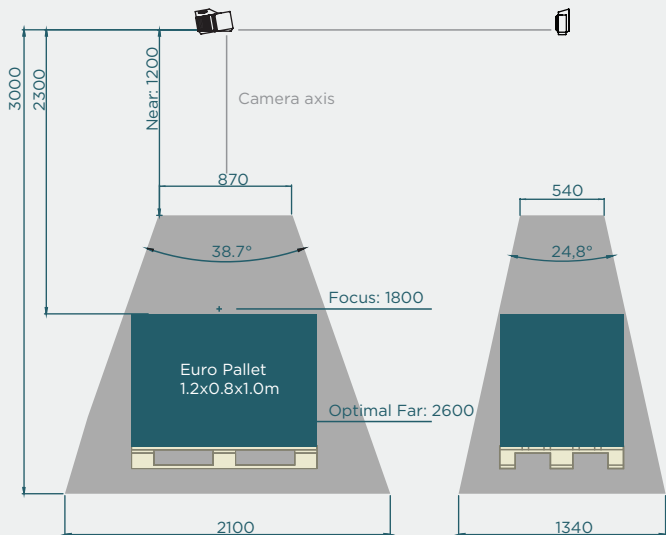
精度/
z-noise

0.3mm @ 1.2m
<2.0mm @ 3.0m



最大成像距离

3.0m



Large

- Objects on floor or standard EU/US pallets
- Picking and handling, de-palletizing

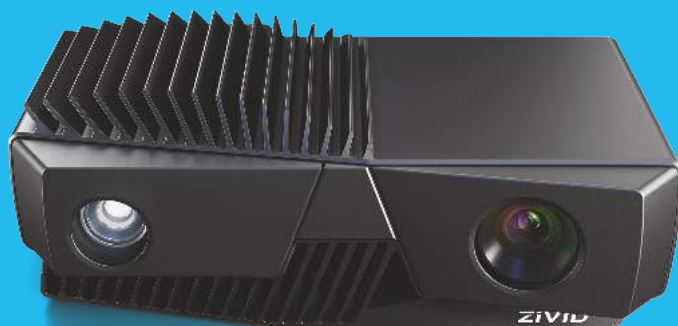


3D 相机参数

Airtight and intelligent cooling



Active lighting for textureless objects



Full RGB 3D color camera



High Dynamic Range rapid electronic iris

| | 小视野 | 中视野 | 大视野 |
|------------|---|---------------------------------------|--|
| 成像距离 (m) | 0.3 - 0.8 | 0.6 - 1.6 | 1.2 - 2.6 |
| 最大成像距离(m) | 1.0 | 2.0 | 3.0 |
| 视野 (mm) | 170 x 140 @ 0.3m 650 x 480 @ 1.0m | 420 x 270 @ 0.6m 1370 x 900 @ 2.0m | 850 x 530 @ 1.2m 2110 x 1360 @ 3.0m |
| 平面分辨率 (mm) | 0.12 @ 0.3m 0.40 @ 1.0m | 0.23 @ 0.6m 0.75 @ 2.0m | 0.45 @ 1.2m 1.11 @ 3.0m |
| 精度 (mm) | 0.03 @ 0.3m <0.2 @ 1.0m | 0.07 @ 0.6m <1.0 @ 2.0m | 0.3 @ 1.2m <2.0 @ 3.0m |
| 获取速率 | 13 Hz (full resolution) | | |
| 输出 | 3D (XYZ) + Color (RGB) + Quality (Q) for each pixel | | |
| 图像像素 | 1920 x 1200 (2.3 Mpixel) | | |
| 成像 | Color, 3D HDR, Reflection and noise filters | | |
| 简易性 | Factory-calibrated 3D camera, easy and intuitive GUI Zivid Studio, Modern and high level API. | | |
| 软件 APIs | C++ / C# / .NET GeniCam/HALCON (RC) | | |
| 操作系统 | Windows 7 / 8 / 10 Ubuntu 16.04 / Ubuntu 18.04 | | |
| 物理界面 | USB3.0 (5m / 10m / 25m options) 24V DC | | |
| 尺寸 | 226 x 165 x 86 mm 2 kg | | |
| 环境 | 10-40°C / 5G Sinus / 25G Shock IP65 aluminum housing | | |
| 安全与电磁兼容 | CE / EN60950 / CB / FCC class A | | |

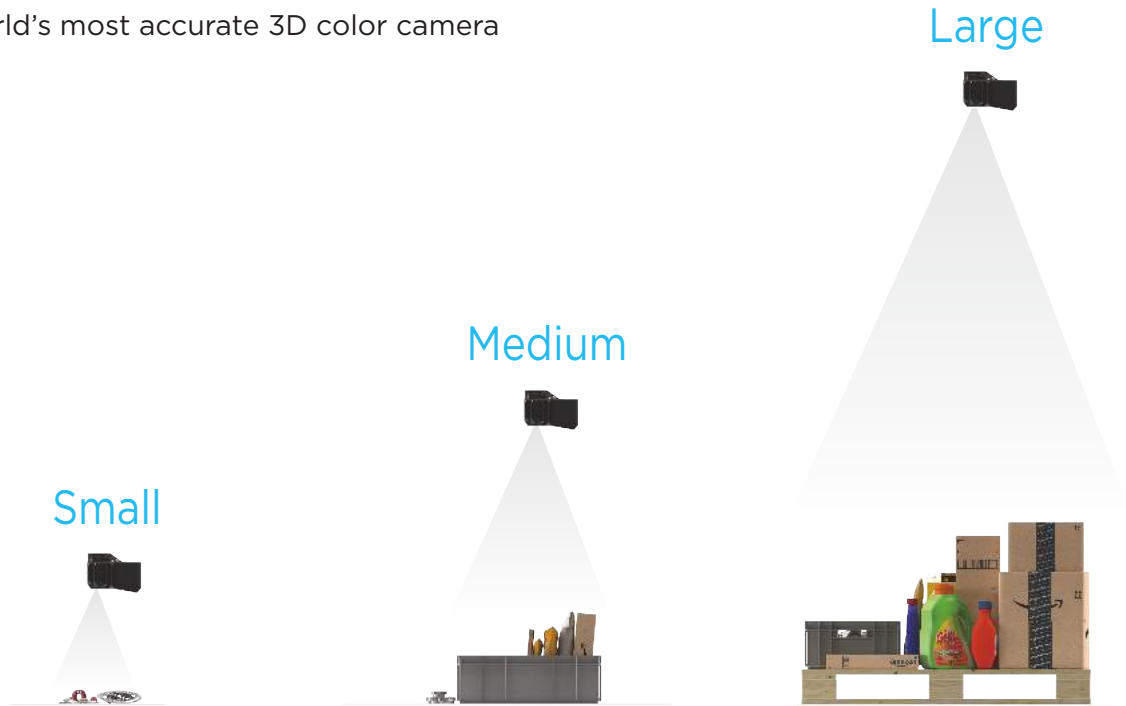
All product, product specifications and data are subject to change without notice to improve reliability, function or design or otherwise.



<http://www.auniontech.com>

Zivid One+

The world's most accurate 3D color camera



3D IMAGING WITHOUT COMPROMISES

Excellent data quality in HD at speeds up to 13Hz with better than 100 μm precision. No compromise between speed and resolution.

HANDLES ANY MATERIAL

Captures high quality 3D images of even the most problematic industrial objects. Shiny metallic, black and absorbing or partly translucent.

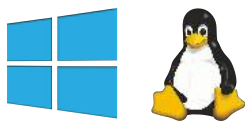
FULL COLOR

Point cloud data (XYZ) and vivid RGB colors captured with the same sensor chip. One-to-one correspondence between color and depth.

EASE OF USE

Factory calibrated and easy and intuitive to use. Comes with smart and intuitive GUI, interfaces for machine vision software and a modern and high level API.

SUPPORTS YOUR WORKFLOW



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