- Binocular refractive Detection
- Pupil diameter measurement
- Work distance 1m
- Automatic detection
- Screening takes 1 Seconds
- Handheld devices, light-weight
- Replaceable rechargeable battery
- Non-invasive measurement
- Output test report
<table>
<thead>
<tr>
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<td>Myopia</td>
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<tr>
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<td>Hyperopia</td>
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<tr>
<td>DC</td>
<td>Astigmatism</td>
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<td>Axis angle</td>
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<td>Record the abnormal</td>
<td>The abnormal reflection</td>
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<tr>
<td>reflection of the light</td>
<td>of the light</td>
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</tbody>
</table>

**Convenient Data Entry**

Parents can input child's information from our smart phone application and it will sync to the Vision Screener immediately. With this fast data entry function, it will make the job easier especially when dealing with the screening of a large group.
SUOER OPTO CAM can exam myopia, hyperopia, astigmatism, strabismus, asymmetric fixation, refractive paradox, etc. The result can give advice for the patient to do prevention.

Normal

Abnormal

The abnormal situation: the patient should take further examination for other eye diseases, such as cataracts, vitreous opacity, retinal tumor, etc.
**SPECIFICATION:**

**Operation mode:** Bino/Mono  
**Optometry:** Automatic  

| **DS** | **Range:** -7.50D~+7.50D  
|--------|---------------------------|
|        | **Resolution:** 0.25D/0.01D  
|        | **Accuracy:** ±0.50D  

| **DC** | **Range:** 0.00D~3.00D  
|--------|---------------------------|
|        | **Resolution:** 0.25D/0.01D  
|        | **Accuracy:** ±0.50D  

| **Axis** | **Range:** 1°~180°  
|---------|-------------------|
|         | **Resolution:** 1°  
|         | **Accuracy:** ±5°  

| **Pupil size** | **Range:** 4.0 mm~9.0 mm  
|                | **Resolution:** 0.1mm  
|                | **Accuracy:** ±0.1 mm  

| **Pupil distance** | **Range:** 35 mm~80 mm  
|                   | **Resolution:** 1mm  
|                   | **Accuracy:** ±1 mm  

**Measuring distance:** 1 m ± 5 cm  
**Time per measurement:** ~1s  
**Data interface:** Wi-Fi, USB  
**Battery:** Rechargeable lithium batteries,  
6 hours of duration, Replaceable  
**Size:** 180mm×130 mm×110mm  
**Display:** 5 inch touch screen  
**Weight:** 0.8Kg