

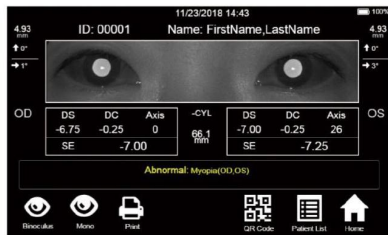


## V100 Vision Screener

Protecting Vision by Detecting Abnormality

V100 is a portable diagnostic device to quickly detect vision abnormalities on patients aged from 6 months to adults. 😊

## Quick Detection

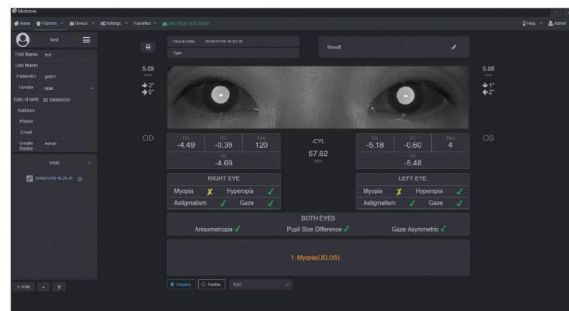
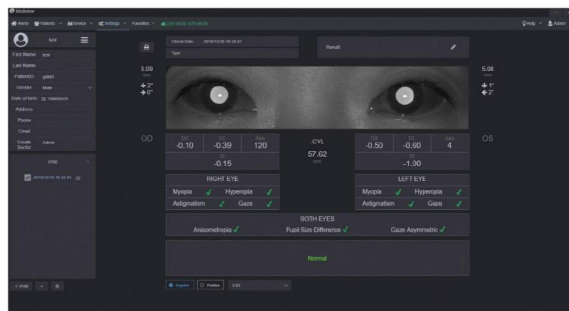


- Myopia (nearsightedness)
- Anisometropia (unequal refractive power)
- Hyperopia (farsightedness)
- Strabismus (eye misalignment)
- Astigmatism (blurred vision)
- Anisocoria (unequal pupil size)

## Patient Management Software

Mediview is the patient management system to help clinicians manage patient records and images and data collected by devices developed by us.

The testing result delivered by V100 can be quickly transferred to Mediview via wifi connection.



## Print Report Example

**Report**

Name: ghhb Age: 50 Patient ID: 11112 Diagnostic Type:

4.48 mm 4.44 mm  
Pupil Size Difference: 0.04 mm

OD	DS	DC	Axis	-CYL	DS	DC	Axis	OS
	-2.50	-0.25	88	64.73	-4.00	-0.50	148	
	SE	-2.75			SE	-4.25		

RIGHT EYE: Myopia ✗, Hyperopia ✗, Astigmatism ✗, Gaze ✗  
LEFT EYE: Myopia ✗, Hyperopia ✗, Astigmatism ✗, Gaze ✗  
BOTH EYES: Anisometropia ✗, Pupil Size Difference ✗, Gaze Asymmetric ✗

Diagnostic result comparison table

	Age (months)	Range	and comparison		
Name	6-12	12-36	36-72	72-240	240
Anisometropia	1.5	1.0	1.0	1.0	1.0
Astigmatism	2.25	2.0	1.75	1.5	1.5
Myopia	2	2	1.25	1	0.75
Hyperopia	3.25	3.0	2.5	2.5	1.25
Pupil Radius Difference	1	1	1	1	1
Fixation(vert)	8	8	8	8	8
Fixation(azi)	5	5	5	5	5
Fixation(temp)	8	8	8	8	8
Fixation(asymmetric)	8	8	8	8	8

Result: **Monocular** Myopia, Hyperopia, Astigmatism, Gaze **Binocular** Anisometropia, Strabismus, Anisocoria

Wi-Fi data transmission

Print via Bluetooth Printer



**V100** can screen both eyes at once from 1 meter away.

Once the pupils are in focus, V100 will start to calculate automatically and deliver results within 1 second.

## Specifications

Measuring Mode	Binocular/Monocular		
Measuring Time	1s		
Automated Distance Sensing	100cm±5cm		
SPH	Range:-9D~+7D Resolution:0.25D/0.01D Accuracy: ±0.5D	CYL	Range:0D~3D Resolution:0.25D/0.01D Accuracy: ±0.5D
Axis	Range:0~180° Resolution:1° Accuracy: ±5°		
Pupil Size	Range:4.0~9.0mm Accuracy: ±0.1mm		
Pupil Distance	Range:30~80mm Accuracy: ±1mm		
Fixation Target	Sound and flashing light		
Working Time	5 hours		
Data Transfer	WIFI		
Screen	4.3" full LCD touch screen		
Charging Port	USB		
Power Supply	18650 Li-lion battery×2 , Voltage:3.7V , Current≥ 3400mAh		
Targeted Patient	from 6-months infant to adults		
Weight	800g		
Power Adaptor	Power Supply: ~100-240V, 50/60Hz, 35VA Output:5V, 2A		

## Features



Wireless data transfer  
by wifi



Interesting sounds  
to attract children



Super user-friendly with  
minimal user training required



Capable of dealing with  
mass screening events



Quickly deliver testing  
results in 1 second



Automated screening provides  
thorough, objective, and easy-to-  
understand results






Flip screen facilitate convenient  
vision measuring



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## **TARUN ENTERPRISES**

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