



Ensuring Kids  
Reach Their  
Full Potential!



# 25% of school-age children in America suffer from a vision problem <sup>1</sup>

– that is 12.5 million children who may be unable to see the blackboard or read their textbooks.

## Spot the Problem

The U.S. Centers for Disease Control and Prevention (CDC) states that vision disability is the single most prevalent disabling condition among children.

**Additionally, studies highlighted by the American Optometric Association found:**

- 70% of children diagnosed with a learning disability have a vision issue.
- Only 1/3 of kids have had a vision screening by the time they enter kindergarten.
- Between the ages of 9 - 15, only 10 percent of kids who need eyeglasses actually have them.

---

***Without a doubt, we have a silent vision epidemic in our country.***

---

But, you can do something today about this senseless handicap.

## Spot the Solution

PediaVision – a company dedicated to solving the critical issues of undetected vision problems – introduces you to *Spot*.

---

***Spot is the first binocular, WiFi enabled, portable vision screener on the market.***

---

With *Spot*, school administrators and charitable organizations can perform important vision screening with greater efficiency, accuracy, and confidence, while improving each student's potential for learning and academic success.

As a result of its easy operation, more children can be screened and – in conjunction with adequate follow-up care – more vision problems can be resolved.

***“The teachers reported an increase in grades. One teacher of an autistic student came into the office in tears, so grateful. The student now has glasses, stays in her seat and keeps working.”***

— Sarah Miranda,  
Vision Screening Coordinator  
Palmetto Elementary  
Poinciana, FL

## Screeners Love Spot

Whether you're screening 10 or 10,000 kids, any member of your team can conduct vision screenings. *Spot* is as easy to use as a camera and does the work for you; most operators become proficient within a few practice screenings.

*Spot* provides a reliable, objective and immediate assessment. *Spot* can screen up to 60 children per hour. That's enough to surpass the goals of even the most ambitious schools and charities.

### Spot vision screening:

- Easily screens all age groups, from six months and up
- Requires minimal cooperation from children
- Is quick and non-invasive
- Provides accurate results that are easy to understand

### Fast. Easy. Portable.

- Fast binocular-style screening with a capture time of one second
- Works from about three-feet away
- Automated screening provides thorough, objective results in seconds
- Easy-to-understand results help parents and caregivers determine proper follow-up vision care
- Portable and WiFi enabled



# Routine vision screening is vital for kids.

According to the American Academy of Pediatrics, it's appropriate to conduct vision screening every one to two years throughout the following four life stages:

## 6 months to 4 years

The ideal stage to detect amblyopia or "lazy eye".  
– the most common cause of vision problems in children. <sup>2</sup>

Pre-verbal

## 5 to 8 years

Identify the following visual issues that could hinder learning:

- Nearsightedness
- Farsightedness
- Astigmatism

School readiness

## 9 to 15 years

Vision changes occur the most between the ages of 11-14.

Adolescence

## 16 to 19 years

Undiagnosed & untreated vision problems could lead to poor academic grades & low Scholastic Aptitude Test (SAT) scores. <sup>1</sup>

High school

## Spot is Thorough

Spot instantly detects the indication of major vision issues, including:

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

Spot's unique binocular screening for amblyopic precursors (anisometropia/eye misalignment) makes it the ideal tool for early intervention programs targeted at special needs, pre-verbal and pre-school children.



As children develop and change, so can their vision.

# Administrators Love Spot

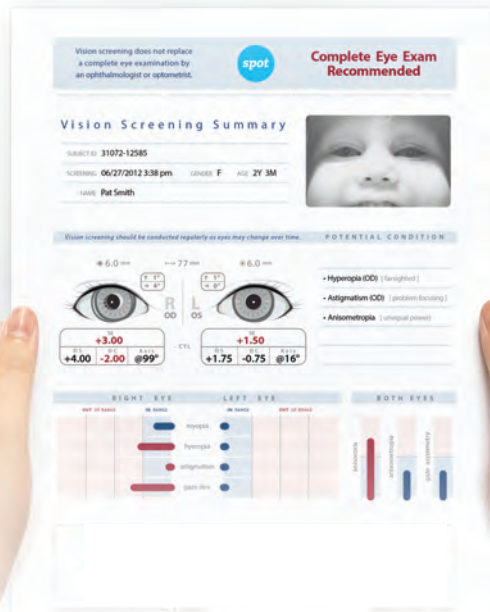
Educators are expected to bring more value to our children than ever before – all while supporting higher enrollments with fewer resources.

An investment in *Spot* can help you improve your academics, school-parent communication, and health/wellness programs simultaneously.

With the information *Spot* provides, you can print reports, perform large-scale data analysis, monitor follow-up care, and substantiate improvement levels.

## With *Spot*, you can:

- Gather quantifiable results to determine areas of improvement
- Share meaningful data with parents, assisting in proper follow-up eye care
- Perform a vital vision screening to help students reach their full potential



“Two years ago, our school was a B school. Last year we implemented a comprehensive vision-screening program with proper follow-up exams and glasses for those in need. We feel our vision improvement program contributed to our school moving back up to an A school.”

— Brandy Hogue, Principal,  
Spirit Elementary School\*  
Deltona, FL

\*One of the first schools to use Spot.

# Spot it Early

Because *Spot* is fast and simple to use, it's easy to integrate into any charitable, non-profit or school-based screening program.

*Spot* goes where you go with a lightweight design and battery that powers a typical day of screening. You can do screenings virtually anywhere!

- Simple as taking a photo
- No formal training required
- Can be used by any staff member or volunteer

## Your Complete Vision Screening Solution

With *Spot*, you get everything you need:

- User guide to help navigate you through *Spot*'s usage
- Power charger, power cord, and wrist strap
- Technical support (excluding holidays)  
Monday-Friday, 9:00 AM – 5:30 PM ET

#### REFERENCES:

1. Zabba, Joel N. "Children's Vision Care in The 21st Century & Its Impact On Education, Literacy, Social Issues, & The Workplace: A Call To Action." *Journal of Behavioral Optometry* (2011)
2. U.S. National Library of Medicine



*Spot is so superior and we are very pleased with the information. We really love using Spot—it's very quick and easy to use. Spot's great; we tell everyone about it!*

— Lion Ed Jener,  
Retired NASA Project Mgr.  
Bella Vista, AR Lions Club



TM