

Know Your Laser Tag System's “Private Parts”

...it's what's on the inside that's important!

This report is brought to you by...



**When it comes to laser tag the choice is
LaZer Runner...**

**Number one in systems sold for
*12 consecutive years!***

Know Your Laser Tag System's “Private Parts”

Let's examine a vitally important part of the laser tag vest...

The sensors (targets).

The sensors are the target areas on the laser tag vest. I am going to call them “sensors” in this report. What is the purpose of the receiving sensors on a laser tag vest? They serve to capture an electronic signal that lets the players know if they have been “tagged” by an opposing player.

There are two types of sensors:

- 1) old-style infrared (IR) sensors
- 2) fiber-optic sensors

Which sensors are better?

To answer that question we have to see how the different sensors are constructed.

Infrared Sensors

Infrared (IR) sensors each need their own circuit board. Each circuit board must be wired to a central point on the vest. Furthermore, each IR sensor must be enclosed in a protective thick plastic casing to protect the circuit board from being damaged.

Every laser tag vest can have from 4 to 8 IR sensors. Remember, each IR sensor needs its own circuit board, its own wiring and its own heavy plastic casing. That's a lot of parts, a lot of wiring and a lot of plastic casing. All of these parts, wiring, and plastic enclosures are the cause of...

Lots of maintenance.	More parts=more maintenance.
Lots of weight.	More parts=more weight.
Lots of breakdowns.	More parts=more breakdowns.
Lots of cost.	More parts=more cost.
Lots of downtime.	More parts=more downtime.
Lots of inconvenience.	More parts=more inconvenience.

The extra maintenance, weight, breakdowns, cost, downtime and inconvenience may be acceptable if they resulted in more features or at least some other benefits, but...

There is absolutely NO BENEFIT to all these extra parts. In fact, all of these extra parts serve to produce LIMITATIONS to performance (more on this later in this report).

It's kind of like this...

When computers were first developed, the parts to build one would fill a large room and several full time technicians were required to maintain it and keep it running. The same is true with laser tag systems. When they were first developed over 20 years ago, they all used IR technology. It wasn't very good but that was all that was available. As technology advances were made, IR laser tag systems and sensors became OBSOLETE.

The good news is that there is a better way...

Fiber Optic Sensors

Let's now take a closer look at fiber optic sensors. These sensors are made up of indestructible "strands" of glass fibers the same ones that are used for the best telecommunication lines and under sea cables. Not only is this stuff virtually unbreakable, it is developed to enhance the speed and quality of any electronic signal sent through it. It is perfectly suited for a sensor in a laser tag vest.

No matter how many sensors are on the vest, only ONE small circuit board is required to capture the signal from all these sensors. One circuit board is capable of performing the work of 8 infrared sensors!

It takes fewer parts to do more work!

When I say that the fiber optic sensors are tough, I am not exaggerating. You can hit them with a hammer, drive over them with a Hummer, or throw them out of a chopper. Nothing is going to happen to them. They are tough-as-nails.

And, they require no maintenance.

And another thing – these fiber optic sensors are as light as a feather. No thick, heavy plastic casings are required to protect fiber optic sensors. That means that the vests are comfortable to wear – even for little kids!

Fewer parts mean less maintenance, less weight, no downtime, much less cost and no inconvenience. By our measurements, vests with fiber optic sensors require 15X *LESS* maintenance than bulky IR vests! That is substantial.

There is no comparison in this matter. Fiber optic sensors are **CLEARLY** more durable and reliable. Any knowledgeable electronic engineer or certified electronic technologist will agree.

But the good news about fiber optic sensors doesn't end here. There is an added bonus...

The fiber optic sensors in each laser tag vest can be made to “glow any color”. All this at the touch of a button.

Why is this important?

Here's why...

The game of laser tag can be played in teams. Each team is designated by a different color. With old-style infrared laser tag systems, an operator would have to purchase red vests and green vests and yellow vests etc.

Not so with LaZer Runner fiber optic vests.

Each LaZer Runner fiber optic vest can be made to glow red, green, yellow, purple or orange. You do not have to worry about purchasing vests of different colors!

With LaZer Runner equipment you can play with one team, two teams, three teams or four teams. This is a great system! And it does all of this (and more) with 85% less parts and almost no maintenance.

LaZer Runner pioneered the use of fiber optic sensors. No one else uses woven fiber optic sensors to eliminate maintenance and increase performance in laser tag vests.

LaZer Runner is all this and much, much more!

Do you want to find out all of the facts?

I thought so...

Call our office at **780-496-9058** and ask for **Paul Savard**. He'll provide you with all the information you'll need to help you decide if a LaZer Runner Laser Tag System is the right fit for your entertainment center.

You'll discover many ways that our system can help you make extra income and why more laser tag owners trust LaZer Runner than any other laser tag system to anchor their facilities.

Pick up the phone and call now.

By every estimate, over half of all laser tag installations in America are LaZer Runner Laser Tag Systems. The use of fiber optic sensors are one of the reasons that LaZer Runner is the most durable and reliable laser tag system available.

Sincerely,

A handwritten signature in black ink that reads "Kenn Schurek". The signature is written in a cursive style with a long horizontal flourish underneath.

Kenn Schurek – Founder
LaZer Runner Laser Tag Systems

PS To find out more about the “inner works” of laser tag systems and what to look for, read the report entitled...

**“How LaZer Runner’s
Breakthrough Technology
Made Most Other Laser Tag Systems
OBSOLETE”**