

A large, faint watermark of the INTAGER logo is visible in the background, consisting of a circle with a stylized 'A' inside.

**INTAGER**  
PROFESSIONAL LASERTAG  
**HARDWARE**



WE SUPPLY YOUR CENTRE WITH  
THE MOST VERSATILE LASER  
TAG EQUIPMENT AT THE BEST  
PRICE/VALUE RATIO

CONTACT US



SMARTBOX 3



HEADSET  
and VEST



PHONE  
HOLDER



BAG



MEDICBOX



PACKAGES



# WHY INTAGER



We have been producing and supplying the best laser tag systems since 2008. NOW WE OFFER EVEN MORE. Intager recognises and is committed to the growing demand among players for a more immersive entertainment experience that meets a new entertainment reality. In addition to superior performance and flawless operation, our visionary hardware and software solutions open the door for the new laser tag entertainment paradigm - Gamification.

Intager provides brilliant game experience for your players and easy profitable operations for your business. How does Intager provide this? Standalone solutions like Intager IR shoot and receiver technology, Intager system protocol for seamless communication and game data flow, reliable hardware and software components designed with focus on - usability, functionality, safe operation, user experience and easy maintenance, wide ranging game features, high level support and services, high-tech production and quality assurance are all behind this single sentence. Not to mention the competitive and affordable price.

There are a large number of outdoor laser tag producers on the market. Most of them use ready-made components (IR LED and receiver, lenses, boards) and assemble their taggers. These components may be good quality products, however they were not developed specifically for laser tag games. Therefore, users might experience problems like low quality shooting (low distance maximum 40-60m, unregistered hits, signal diffusions, etc.), data loss, WIFI connection problems, and so on.

Gamification



Augmented Reality



Map



Cloud Service



Battle Royale Games

Standard

Basic

Traditional laser tag



# BEST CHOICE...

FOR SERIOUS GUYS



FOR PROFESSIONALS



FOR INDOOR



FOR GAMERS

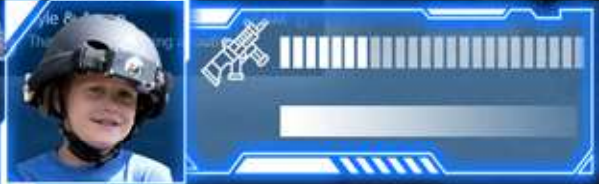


# OUTDOOR



Intager offers a wide range of game types from the traditional laser tag games to the complex Battle Royale scenarios.

No matter if you play quick, simple laser tag or complex strategy games, PUBG or FORTNITE like games, offline or online games - INTAGER laser tag system will meet all your needs.



YOU HIT JOHN!  
JOHN HAS 17 HP LEFT!



A person wearing a black helmet is shown in profile, aiming a laser tag gun. The gun is a grey and black "INTAGER FAMILY LASER TAG" model 40010, which is illuminated with a bright red light. The target is a large, glowing alien creature with a textured, scaly body and glowing yellow eyes. The creature is set against a background of green and blue neon lights, creating a dramatic and immersive atmosphere.

INDOOR

## PROFESSIONAL LASER TAG GAMING INDOORS

Ideal for traditional laser combat games with realistic sounds and great game options to thrill and excite your players. Dynamic interactive games with special features involving TV screens, Augmented Reality, Intager Player App (in Beta tests). Contact us for more details!

# RAPTOR3

## R3 SCOPE

RED DOT SIGHTS POWERED FROM RAPTOR3 BUILT-IN BATTERY

## PRO OPTICS

INTAGER PRO LASER TAG OPTICS & ACCURACY

## RECEIVER TECHNOLOGY

NO MATTER IF IT IS THE BRIGHTEST SUNSHINE OR THE DARKEST CORNER OF YOUR INDOOR ARENA, INTAGER - TECHNOLOGY ENGINEERED FOR THE PERFECT GAME EXPERIENCE.



**APPS**  
APPLICATIONS INTEGRATED INTO THE SYSTEM



**WIFI**  
UP TO 200 METERS OF OPERATION AND CONTINUOUS SAVING MODE



**ADJUSTABLE VOLUME**  
SET THE VOLUME WITH A SINGLE CLICK



**NFC**  
SAFE AND CONTACTLESS GAME ADMINISTRATION



**HIT FEEDBACK**  
GET ONLINE AND OFFLINE FEEDBACK AFTER EACH SUCCESSFUL TAG



**LCD SCREEN**  
ORIENTED TOWARDS THE PLAYER



**SOUND EFFECTS**  
WATERPROOF SPEAKER AND CLEAR SOUNDS



**VIBRATION**  
BUILT-IN VIBRA MOTOR FOR HIT FEEDBACK



**CLOUD**  
COMING SOON!

# TROODON

## SCOPE

RED DOT SIGHTS POWERED FROM TROODON BUILT-IN BATTERY

## PRO OPTICS

INTAGER PRO LASER TAG OPTICS & ACCURACY

## RECEIVER TECHNOLOGY

NO MATTER IF IT IS THE BRIGHTEST SUNSHINE OR THE DARKEST CORNER OF YOUR INDOOR ARENA, INTAGER – TECHNOLOGY ENGINEERED FOR THE PERFECT GAME EXPERIENCE.



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ORIENTED TOWARDS THE PLAYER



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**CLOUD**  
COMING SOON!



**APPS**  
APPLICATIONS INTEGRATED INTO THE SYSTEM





# LCD SCREEN

## EASY TO VIEW PLAYER ORIENTED SCREEN

The Raptor3 and Troodon LCD screens provide important game information. Any screen positioned on the side of the tagger has limited usability and negatively effects the user game experience therefore we created a convenient design and positioned the screen towards the player, so they don't have to take their eyes off the action, and they can stay on target!

Pick your choice between our Light-proof LCD or the new Multi-coloured LCD screen, based on your business preference

## MULTI-COLOURED LCD SCREEN

Health, ammo, different weapon types, score, rank and more dynamic game information on a multi-coloured LCD screen. Check real time information like who hit you or who did you hit successfully and how many HP he or she had remaining!



Display Format  
240x240

Diagonal Size  
1.54

Brightnes(Typ)  
400cd/m2

Colours  
4k/65K/262K

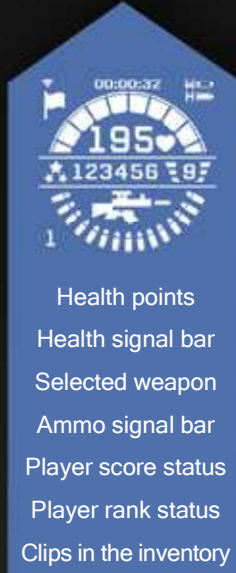
Appearance  
RGB



## LIGHT-PROOF LCD SCREEN VISIBILITY UNDER ALL CIRCUMSTANCES

Intager's Light-proof screens are high performing in bright sunshine. The stronger the sun is shining, the better the visibility. Of course, the indoor visibility is also excellent with its backlight. This screen provides the most important game information on a lower resolution surface than the color screen.

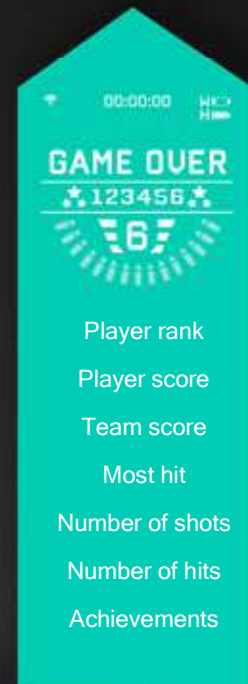
# LCD SCREEN



- Health points
- Health signal bar
- Selected weapon
- Ammo signal bar
- Player score status
- Player rank status
- Clips in the inventory



- WIFI signal status
- Battery status (tagger, headset, vest)
- Booting status
- Firmware version (tagger, headset, vest)
- Battery charging screen
- Access point information
- Firmware update status



- Player rank
- Player score
- Team score
- Most hit
- Number of shots
- Number of hits
- Achievements



Color



Monochrome

Resolution

Content

Visibility in normal light or indoor

Visibility in bright sunshine

Type Gamer

Type Military

## LOADING

Important status signal for players

## GAME

Important real time game information for players

## ADMIN

All important information for the operators

## STAT

Game statistics



# HIT FEEDBACK

## GET FEEDBACK AFTER EACH SUCCESSFUL HIT WITH YOUR LASER TAGGER

In-game feedback for your players is crucial. It reinforces laser tag gameplay and provides interactivity to the experience. Every successful hit is rewarded with player feedback. Players receive an audio (sound effect) confirming the tag and depending on the game, may also receive game information on their LCD screen or in the app.

The hit feedback contains extra information like remaining Health Points of the opponent.

No matter if the game is offline or the player is out of WIFI range, the hit feedback is effective in any circumstance.



# HIT FEEDBACK / GAME STATS



**SAMUEL**



**SMARTBOX3**



200 meters  
Increase the distance with  
dedicated Intager repeaters

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No matter if the game is offline or the player is out of WIFI range, the hit feedback is effective in any circumstances.

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WIFI range up to 200m. For larger areas use the INTAGER WIFI EXTENDER which is dedicated exclusively to the Intager laser games.

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Offline games - there is no game area (distance) limitation, all game events are saved by the taggers, game upload and download are within WIFI range.

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Online games from Smartbox - all stats and game events are realtime, in case the player is out of the WIFI range, the taggers save all events. When the player is back within WIFI range, the tagger rejoins the game without data loss.

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Games from Intager Cloud - with 4G or network, all stats and game events are realtime.

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## RED DOT SIGHTS POWERED FROM RAPTOR3/TROODON BUILT-IN BATTERY

The taggers combined with Red Dot sight delivers a perfect game experience. Based on player feedback independent from the shot distance, red dot sight is one of the favourite features among the players. It offers a much better game experience for your players, especially for younger players attempting a long-range shot.

With Intager Scope, keeping your sight working no longer requires a continuous battery charge. Intager provides a low-power onboard connection to the built-in battery for sights and accessories of all kinds. As you switch on/off the tagger the red dot sight is also on/off. No more headaches with separate red dot batteries.



### AUTO ON/OFF:

As you switch on/off the tagger the red dot sight is also on/off. Making your life easier!

### BATTERY:

Taggers provide a low-power onboard connection to the built-in battery for sights and accessories of all kinds. No more headaches with red dot batteries.

### CROSSHAIR:

The adjustable crosshair of the red dot scope supports you and your players to take 100% precise shots.

### PICATINNY RAIL:

The standard size picatinny rails on the top and in front of the laser tag gun provide a mounting platform for scopes, sights, tactical lights, laser aiming models, slings and more.



## SECONDARY SHOT

GAME FEATURES FOR YOUR PLAYERS

In addition to the primary shot tube, the taggers come with an extra shot tube providing an in-game secondary weapon. Its shooting range is less than the primary tube and the shot signal is wider, enabling players to choose between a grenade launcher, flame thrower, optional medic support and any other special function, or customised weapon.



## SHOOTING SCALE

LASER TAG SHOT DISTANCE - ADJUSTABLE RANGE

Take advantage of our adjustable shot distance, and set the range based on several factors, including type of laser games, location, player roles, or created weapon types. This feature allows you to create unique games and manage the shot signals in your arena to eliminate bouncing signals.

200+ meters

## LONG RANGE SHOOT

THE PROFESSIONAL LASER TAG GAME EXPERIENCE

Intager Pro Laser Tag Optics combined with Intager Receiver Technology provides up to 200+ meters (218 yards) shot range in full sunshine.



# IMPORTANT DETAILS

## MULTICOLOUR LEDS



Multi-color LED lights indicate team colors and/or other signals during gameplay, like hits received, frozen blaster, flag holder and many other effects depending on the game being played. They also create a cool appearance in a darkened arena environment.

## ERGONOMIC



The lightweight taggers are suitable for all age groups with a weapon shape developed for natural fit and gameplay.

## RAILS



The standard size picatinny rails on the top and in front of the laser tag marker provide a mounting platform for scopes, sights, tactical lights, laser aiming models, slings and more. All of which can be powered by the onboard Raptor3 and Trodon battery.

## SAFE



Trodon and Raptor3 have been designed without any hard edges, angles or extrusions that could cause accidental injuries during gameplay. Safe rubber protection and tip ensure reduced hazards for players.

## 4000 mAh BATTERY



Powerful and steady battery technology for up to 16 hours of game time.

## SOUNDS



In-game audio helps your players understand what is going on in the game and creates an immersive game experience for them. Great game audio means clear, exciting, customisable battlefield sounds, produced by our professional audio engineer. Raptor3 and Trodon incorporate a waterproof speaker that ensures vibrant sounds and consistent operation for the best user experience.

## EXTRA DURABLE



Intagertaggers are designed to handle the abuse laser tag equipment it is subjected to. Solid materials and components along with an additional layer of rubber applied to the Raptor3 grips that also improves handling and reduces wear and tear.

# IMPORTANT DETAILS



## SOUNDS AND EFFECTS

We provide several sound sets and effects that right out of the box make the games best for players of all ages and abilities. From fun and whimsical kids' games, to hardcore hunter/prey sound effects for older gamers.



## FREE FIRMWARE UPDATE

No painful firmware updates. No need to make sure you have plugged in all your taggers, headsets and other devices. Intager makes it super easy and fast with a one-click wireless Wi-Fi update



## ADJUSTABLE VOLUME

The IGM (Intager Game Manager) makes your life as an operator super simple. In this case, you can set the volume of all or any single device by a single click, even during a game.



## R2 COMPATIBILITY

Both Raptor3 and Troodon IR and receivers are compatible with Raptor2 and Raptor2S. The combined operation requires SmartBox1, or just play simple Factory pre-set without the SmartBox.



## INDOOR/OUTDOOR PRESETS

The IGM (Intager Game Manager) allows you to change or modify your game sets for indoor or outdoor games and scenarios all from an easy one-click selection.



# INTAGER LASER TAG TECHNOLOGY

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At the heart of all laser tag systems is the IR or laser beam, the most important information channel. The beam carries all of your tags and hit information and is critical for the perfect game experience. Accurate and realistic gameplay relies on your tagger being able to provide precise data flow and hit registration in all circumstances.

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In order to create gamer satisfaction and long term repeat business, shots fired, hits received, must be accurate and registered every time. This is the most important function your laser tag equipment needs to perform, consistently.

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We first tested the commonly used, ready made components and solutions used by the laser tag industry and found some opportunities for improvement. No question that these components are good quality products, however they were not developed specifically for laser tag operations. Therefore, users might face problems like low quality shoot, low distance max. 40-60m in sunshine, unregistered hits, signal diffusions, data loss, etc.

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If you have played laser tag, you know how important good accuracy is. Players new and old will recognise poor accuracy immediately, it spoils the game and can lead to players not returning.

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Therefore we created our own, unique IR solutions and protocols to give Intager laser tag technology the edge over our competitors when it comes to controlling and managing the IR beam and receiver. Intager uses eye-safe infra-red technology.

# INTAGER LASER TAG TECHNOLOGY

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## INTAGER PRO LASER TAG OPTICS & ACCURACY

Intager Pro Laser Tag optics provides outstanding, reliable accuracy through a manual camera calibration for each and every tagger. This takes additional time to manufacture, but it provides the best user experience in the field or in your arena.

Great accuracy, combined with our custom communication protocols means reliable and seamless operation, without the typical problems of successful but unregistered hits, uncontrolled signal diffusions, or infirm shots signals. Eye-safe infra red technology calibrated ONE BY ONE on the Intager Optical Test Benches.

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# RECEIVER TECHNOLOGY

## INTAGER LASER TAG RECEIVER TECHNOLOGY

Similar to poor accuracy, unregistered hits are a major frustration for players. Some systems may lose hits outdoors under direct or severe sunlight, or dramatic changes in shadows. Intager receiver technology, combined with our IR solution and protocols eliminates this issue.

No matter if it is bright sunshine, changing shadows or a dark indoor arena game, the Intager Raptor3 designed Receiver Technology operation is professional-grade and reliable game after game in any environment.

## BUILT-IN SENSOR

The tagger has vulnerability from the front and from each side. This ensures that players are unable to cheat, or hide in a single place and simply shoot around without the risk of being tagged themselves. It helps to encourage good gameplay, as all players have to move around the field or arena keeping the action alive.

## MAKE YOUR CHOICE FROM THE 360 DEGREE SENSORS

### HEADSET

Small and easy to deliver



### HEADSET WITH HELMET

Easy to clean, more safety for the player



### SENSORS ON VEST

On request



## INTERACTIVE GAMES AND REALTIME LASER TAG STATS

### UP TO 200M

01

Long-range operation - up to 200+ meters without external (additional) antenna. For larger areas use the INTAGER WIFI EXTENDER which is dedicated exclusively to the Intager laser games.

### AUTO CONNECTION

02

Reliable uptime and instant communications without data loss or lost statistics.

### NO DATA LOSS, AUTO REJOIN

03

Raptor3/Troodon has a continuous save mode. If a player steps outside of WIFI range, game data is saved onboard, and once back within range, Raptor3/Troodon rejoins the network without data loss.

### EASY SOFTWARE UPDATE

04

An added bonus is our exclusive, quick and easy wireless firmware update via WIFI. No need to reconnect all your taggers to the network for updates. This way, your taggers are always running the latest games. Simple, smart, time-saving operations for your business.

### EASY SWITCH OFF

05

Switch off all your taggers and sets with a single click





## WIRELESS LASER TAG WITH BLUETOOTH

The latest Bluetooth technology provides a connection between your laser tag equipment, as well as connection to your smartphone or other in-game devices with the Intager Games app.

Play live Battle Royale games and others, with game data synchronised between the Intager Games app and Troodon or Raptor3, providing field maps, player positions, 3D objects, weapon upgrades, in-game loot and other unique and exciting game events.



## NEAR FIELD COMMUNICATIONS

### STANDALONE LASER TAG SOLUTION

Zero opportunity for laser tag players to cheat. **WE HAVE NEVER USED** simple switch on/off buttons - Intager is fully committed to the most up-to-date technology.

Both Troodon and Raptor3 sets use NFC (Near Field Communications) to provide easy, no-contact Game administration with the Smart Control App.



# VIBRATION\*

## BUILT-IN VIBRA MOTOR FOR HIT FEEDBACK AND OTHER FEATURES

The Raptor3 marker incorporates a pico-vibrator that functions for notification of hits received, game start and other game functions.

This added feature helps to immerse players in the game while providing another layer of player communication. Operators can decide if they want the feature with a simple switch on/off.

\*only in Raptor3 markers



# SMARTBOX3

A COMPUTER, SERVER, WIFI ROUTER, LASER TAG CONTROL UNIT, VIDEO AND CONTENT STREAMING DEVICE, ALL IN ONE.

No apps, no software installation, just connect to it with any of your devices - desktop, laptop, tablet or smartphone. Or connect to it with more devices at the same time!

This portable game console manages your laser tag games anywhere; in a forest, a ruined factory building, in the mountains, in your adventure park or in your arena. Turn on the SmartBox and your arena will set up in a minute wherever you are. All detected devices, Intager laser tag sets, accessories and screens automatically connect to it. Just upload your game from the SmartBox3 to your devices with a single click and get started!



OS compatibility



Browser compatibility





# SMARTBOX3

Raptor3 and Troodon sets, laser tag accessories like Targets, etc.  
TV or other screens for general game information, adverts or game statistics.  
Players smartphone or tablets with Intager Games App.  
Admin access from any device, desktop, laptop, tablet, smartphone.



Devices

Downloaded games, colorful game information, game stats.  
Your tailor-made games with full configurations.  
3D objects, AR files, maps, video files, value added contents.  
Different sound effects and sound presets.  
Your ads.



Contents

Easy and quick game management.  
Online and Offline traditional laser tag games.  
Online game control with real time stats, logs, real time player positions on map, real time game event reports - even without internet access!  
Offline game control, full game uploads and downloads including maps, 3D objects, etc.  
Devices via WIFI or Ethernet.



Control



## WI-FI

Once powered up, it automatically establishes an internal WI-FI network for all the controlled devices like Intager laser tag sets and accessories, screens, smartphones, and other devices.

With an internal WI-FI range - up to 200m (218 yds) - connected laser tag equipment is controlled in real-time, providing live statistics and unique, interactive game features. This simple, robust, wi-fi connection delivers an unforgettable game experience for your players even without any internet connection.

### WI-FI Extender from Intager

Need a larger playing field? No problem. With the Intager Extender ([link](#)), extend your player area up to 1,000m (1,094 yds) without any signal drop or connection issues. The Extender is engineered exclusively to provide Intager dataflow, with flawless 100% uptime.

Its power supply is from 10.000 mAh built-in battery that provides an operation time up to 48h+ or from 100/230V.

### 2-way WI-FI connections

Meanwhile the Smartbox3 controls devices on its internal WI-FI network, it can connect to your router (internet) or network at the same time. This feature opens the door for quite some extra opportunities.

NOTE: With Smartbox3 most of the games and features are available even without internet access. 100/230V.



### POWER SUPPLY

From built-in 10.000 mAh battery up to 16+ hours that can be extended from a power bank or from 110/230V. In case of power outage the built-in battery ensures the flawless operation.

# HEADSET AND VEST

As with all Intager communications, our custom-developed RECEIVER TECHNOLOGY ensures fast and flawless connections across all of your equipment, without dropping any packet information.

For your players, this means no unregistered hits and accurate game scoring. For you, it means happy customers with no headaches in the field or inside your arena.

No matter if it is the brightest sunshine or the darkest corner of your indoor arena, Intager - technology engineered for the perfect game experience



**360°**  
16 sensors provide 360° vulnerability for accelerated gaming action.



**ALL SIZE FIT**  
Be 'Combat-Ready' within seconds with the Intager wireless Headset and Vest option. Adjustable size fits all, and provides a pro gamer look for your players.



**RAINPROOF**  
Rainproof housing of the sensors combined with safe helmet or/and durable rainproof vest ideal for all circumstances.



**EASY CLEANING**  
Both the helmet and the vest are easy to wipe and clean quickly, which is super important for all arena operators.



**EASY-TO-USE**  
Switch off the laser tag gun, and its headset and vest will switch off automatically. Easy one-click switch off for all your laser tag equipment with our dedicated software.

## MULTI COLOR LEDS

Multi-colour LEDs communicate essential gameplay such as team colours and other signals like received hits, frozen blaster, etc.



## NFC

Use the latest NFC and avoid the inconvenience of simple switch on/off buttons and the frustration caused by cheating players.



## AUTO PAIRING

IMMEDIATE AUTO PAIRING function, no complicated settings and time-killing procedures, reliable connection to your marker.



## ONE-CLICK UPDATES

Quick and easy wireless software update via WIFI.



## 2300 mAh BATTERY

High capacity battery for long operation time up to 20+ hours of intensive use.



# PHONE HOLDER

## FOR THE PERFECT GAME EXPERIENCE

For gamers around the world, being able to integrate a unique game app with their phone, inside a live laser tag game, is a dream come true.

Whether you're playing a new Intager multi-weapon laser tag game, or any kind of real-life battle royale games, additional game information and in-game resources (hidden loot, upgrades, ammo, etc) are clearly presented right in front of you.



**BUTTONS AND  
CAMERA  
STILL IN USE**



**EXTRA DURABLE  
WITH METAL  
INSERTS**



**PROTECTED BACK  
AND EDGES**



**OPTIMAL  
FOR SIZE ...**

## PROTECTION AND USABILITY

The Intager phone holder provides protection, stability and easy line of sight, without interfering with the action. Fits most mobile phone sizes.

# BAG FOR TROODON AND RAPTOR3



EXTRA STRONG  
CORDURA



NO MORE SHARP  
EDGES



DIFFERENT SIZES  
FOR  
TROODON AND  
RAPTOR3



EXTRA ROOM FOR  
SIGHTS,  
HEADSETS AND  
SMARTBOX

## SAFE AND EASY TRANSPORTATION OF YOUR LASER TAG SETS

Make your life easy and transport your laser tag devices in our custom designed Intager bags, that both protect your gear and provide additional space for essentials like the SmartBox, sights and headsets.

A fantastic option for mobile and park operators. Everything you need in a single simple solution. Thanks Intager!



# MEDICBOX

## EASY TO USE DEVICE FOR FUN AND DYNAMIC GAMES

How can you upgrade basic laser tag games and motivate the players to move and play dynamic games? Meanwhile you don't want to use any computer or game upload?

## USE THE INTAGER MEDIC BOX

Switch it on and let operate the respawn station continuously. When a player is in front of the box, he will be respawned automatically. There is nothing else to do, he can just go back to play.



Shock proof (stands the paintball shots)

48+ hours of operation

Easy-to-fix, 1 click system.

Rainproof


# DEALERS / SUPPORT / CONTACTS



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