

INTEC SYSTEMS

## FLUME / WATER SLIDE SYSTEMS

Intec Systems is an established provider of water slide sensor systems for waterparks and the leisure industry in the UK and abroad.

All our products are designed to be fitted to new or existing flumes, by our engineers or by water park engineers. We provide a full range of water slide products, such as traffic light systems, flume games, display signs and CCTV.

We work closely with the foremost leisure parks in the UK and abroad, and are the UK's leading company in this sector.

We are constantly striving to improve the safety and enjoyment of water park users across Europe, and are fully focussed on developing existing and new products.



INTEC SYSTEMS

## TRAFFIC LIGHT SENSOR SYSTEM

Flumes and waterslides have traditionally been controlled by timer systems, leading to a lack of flexibility, reduced 'rider throughput', and lower levels of safety.

the slide and queue times are reduced, compared to timer based systems. The solid state sensors and LED traffic lights practically eliminate the need for maintenance.

Our sensors are high speed, solid state infra-red photocells, which ignore fluctuations in ambient light, steam and water depth. High speed detection ensures that even if the torso of the rider misses the sensor, the lights are triggered; and the detection algorithms prevent false or multiple detections. The key benefits of this system are reduced queue times and increased safety, as well as being fully

compliant with BS EN 1069-1:2000. The system also provides auditing information as standard allowing the waterslide usage to be monitored. The controller is designed and manufactured in the UK by Intec Systems (UK) Ltd, in association with the UK's leading water parks.

### TECHNICAL INFORMATION

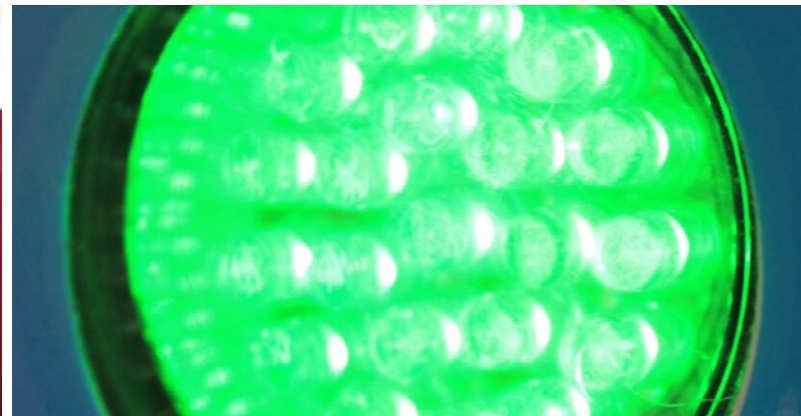
Supply voltage / current: 230v ac, 1A

Operating voltage: 12v dc

IP rating: IP66 (rated to withstand jets of water)

Sensor type: Amplified photoelectric

Traffic light: Green / Red LED, 12v 1.2W, MR16



Our wide range of waterslide features and accessories will add interest, excitement and marketability to your waterpark, at a fraction of the cost of building and major project works.

### THUNDER AND LIGHTNING

This atmospheric enhancement for dark 'black hole' flumes, uses a sensor to detect when riders are entering the dark section of the water slide. It then triggers white light LED lights in sequence to simulate lightning.

Marine grade speakers are also available as an option; mounted in the top of the flume, they blast out the sounds of storms and thunder to make the experience complete!

### TECHNICAL INFORMATION:

Supply voltage / current: 230v ac, 1A

Operating voltage: 12v dc

IP rating: IP66 (rated to withstand jets of water)

Sensor type: Amplified photoelectric

Speaker type: 12W Mylar cone marine grade

Light: White LED, 12v 1.2W, MR16



## SOUND BEAT SLIDER

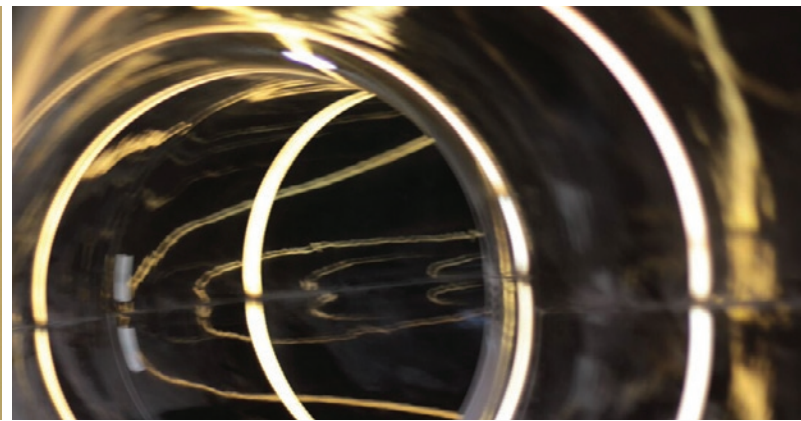
The Sound Beat Slider allows waterslide riders to customise their experience, by selecting the music they wish to accompany their ride!

By hitting a push button at the top of the flume, riders choose from a variety of musical genres with the music starting as they pass the first sensor at the top of the ride. Marine grade speakers then play their chosen tune all the way down the flume.

As the musical excerpts are contained on a micro SD card, the system is future proof and easily tailored to different countries.

### TECHNICAL INFORMATION:

Supply voltage / current: 230v ac, 1A  
Operating voltage: 12v dc  
IP rating: IP66 (rated to withstand jets of water)  
Sensor type: Amplified photoelectric  
Speaker type: 12W Mylar cone marine grade  
Light: White LED, 12v 1.2W, MR16



## GAMES

Our unique range of flume games and challenges will add the 'WOW' factor to your waterslides, adding excitement and challenge to your overall customer experience.

### FLUME CHALLENGE DISPLAY SYSTEM

The flume challenge display may be used with the traffic light sensor system, or independently, to provide a fun challenge for your customers: allowing flume riders to compete against each other to be the fastest down the waterslide!

The display shows each rider the time it has taken to ride the flume, as well as the top time that day. The sign can automatically reset at night, with the system requiring zero maintenance from staff. The sign uses large red LEDs which are highly visible even in direct sunshine.

Speakers are available as an option, providing cheers and applause when a rider creates a new high score.

### TECHNICAL INFORMATION:

Supply voltage / current: 230v ac, 1A  
Operating voltage: 12v dc  
IP rating: IP66 (rated to withstand jets of water)  
Sensor type: Amplified photoelectric  
Speaker type: 12W Mylar cone marine grade  
Display: Red LED, character size 195mm high x 110mm wide



## SPLASHTASTIC WATERSLIDE GAME

Our very latest product is an interactive flume game, with the riders waving their hands over pads embedded into the inside walls of the waterslide as they slide.

Each pad has an LED ring, which illuminates the pad and draws the rider's attention. When the pad has been successfully swiped, the LED ring automatically switches off, with the rider's score then displayed at the end of the waterslide.

## TECHNICAL INFORMATION:

Supply voltage / current: 230v ac, 1A  
Operating voltage: 12v dc  
IP rating: IP66 (rated to withstand jets of water)  
Sensor type: Amplified photoelectric  
Speaker type: 12W Mylar cone marine grade  
Display: Red LED, character size 195mm high x 110mm wide  
Gamepads: Sensor type: Diffuse proximity photoelectric, White LED ring, diameter 85mm



## CCTV AND INTERCOMS

Intec Systems supply and install a wide range of lifeguard alarms, CCTV and intercoms. Our thorough understanding of the waterpark and leisure environment ensures that our systems will provide you with many years of effective service.

### WATERPARK CCTV

We use our experience to install CCTV systems that stand up to the harsh conditions, such as excessive heat, chlorine and humidity uniquely found in waterparks and leisure centres. We supply and install fixed cameras such as mini domes and bullet cameras, fully functional domes (Pan - Tilt - Zoom cameras), waterproof monitors and networked CCTV systems.

### WATERPARK ALARMS AND INTERCOMS

Drawing upon our vast experience in this sector, we provide the products that withstand the rigours of the waterslide and swimming pool environment. We supply and install emergency push button / lifeguard call systems, DDA toilet emergency call systems, audio and video intercom systems.

## TECHNICAL INFORMATION:

Supply voltage / current: 230v ac, 1A  
Operating voltage: 12v dc  
IP rating: IP65 / 66

