



## Digital Photo System

- is a professional photosolution for adventure park rides
- thanks to our longtime experience in amusement park business built exactly fitting to the requirements of practical use
- depending on the type of ride the system can be operated by the rides service or cashier persons
- successful used at water rafting, wildwater rides, summer toboggan runs, roller coasters, and so on

Highlights:	
▶ high professional photo quality	
▶ flexible modular structure	
▶ very easy to use	
▶ low investment and operating costs	

Details:	
▶ Structure (CamUnit   ShowUnit   PrintUnit)	
▶ Accessories	

### high professional photo quality

Digital Photo System provides an absolute high professional photo quality by using cutting edge digital photo and computer techniques. Especially at big size photos Digital Photo System persuades with a fantastic sharp details.

### flexible modular structure

The modular structure allows an almost unlimited extension of the system. Thus a suitable solution can be built exactly with the customers requirements, for small size rides to big roller coasters as well. Already in the minimum recommended configuration Digital Photo System is very efficiently, approx.. 6 photos and approx. 3 photo prints per minute are possible.

### very easy to use

Digital Photo System can easily be operated without special computer knowledge. The automatic picture numbering supports the fast photo selection; also a manual picture cut is possible. After on the average scarcely 12 seconds the photo printing starts! So depending on the type of ride the Digital Photo System can be operated by the rides service or cashier persons.

### low investment and operating costs

The strict use of high-quality commercial parts and devices protects against the spare parts problem and is reflected in the low capital outlays. The printing systems we recommend can be run with very low output costs (medium size 5.9 x 8.3 inch photo is approx. 24 Cent)



## Structure

Digitally photo system is composed of 3 main modules ( CamUnit | ShowUnit | PrintUnit ). Depending upon requirement these modules can be combined and extended almost arbitrarily. Thus a high efficiency and a high scalability are reached.

The CamUnit (camera unit) supervises a light barrier and passes the initiation signal on to the digital camera. The photos are stored central on the ShowUnit connected by network. The Digital Photo System software recognizes automatically if a new photo is made and shows it on the attached monitors. Before showing the photo it can be optimized automatically by freely adaptable processes (automatic file rename, picture numbering, logo and framework insert, photo cut and rotated, etc.). The photo can immediately after it is shown on the monitor be printed and sold in many different formats on the PrintUnit which is connected by network. Only at smaller rides attractions the PrintUnit and ShowUnit can be installed on one single PC.

By the intelligent and modular structure - 1 to x of monitors, 1 to x digital cameras and 1 to x printers - we can offer a system with optimum photo quality, adapted exactly to the customer requirement, for a reasonable price.

## CamUnit

The CamUnit consists of a PC, a high resolution digital camera and a light barrier. If the light barrier is released by the wagon of the ride attraction, the attached camera shoots a photo and stores it on a preset folder on the ShowUnit PC.

### Characteristics:

- Windows 2000 and XP compatible
- splash proofed camera case
- storm proofed camera pillars possible
- lightning systems for night shots possible
- automatic system start when AC is connected
- semiautomatic connection and setting of the camera
- central photo storage
  - dependant on number and power of the ShowUnit PCs
  - more CamUnits can be connected to the system.

## ShowUnit

The ShowUnit is the heart of the entire system. All photos are stored central on this server. Up to 16 monitors can be connected to one single ShowUnit and several Showunits can be combined. It is although possible to show more Photos on one monitor. This easy to scale monitor wall has a lot of possibilities to present the photos in a very exclusive way.

### Characteristics:

- Windows 2000 and XP compatible
- supports all kinds of displays with VGA interface
- automatic recognition of new photos
- all photos are stored central
- all photos will be renamed automatically and get an ID number
  - the ID number can be displayed on the monitors, which makes it very easy to find and print the right photo
- the photos can be cut to a preset size if the camera angle is to wide
- all photos can be rotated



- logos and / or frames can be insert into the photo arbitrary
- automatic delete of old photos
- automatic scale of the photos according to the monitor size
- more photos can be shown a monitor
- no quality reduction of the taken photos
- high speed switches for the network
- more ShowUnits can be combined

## PrintUnit

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The PrintUnit represents the user interface of the system. Within a few seconds the print job for the photo should be sent to the printer to shorten the customers waiting period. With Digital Photo System it takes on the average 12 seconds from the first click on the photo to the start of the print job. With modern inkjet printers we get superb pictures in high professional photo quality Several PrintUnits can be combined if more point of sales is needed.

### Characteristics:

- Windows 2000 and XP compatible
- quick photo selection via ID number and thumbnail preview
- quick manual cut of the photos possible
- several photo output formats possible
- easy to operate via mouse or keyboard shortcuts
- support of all Windows 2000, XP compatible printers
- inkjet, photo- and color-laser printers possible
- several printers on one PrintUnit possible
- photo on T-Shirt or on cups etc. possible

## Accessories

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- We recommend very advertising-effective photo coverings to save the printed photos from damage to hand them over to the customers in a appropriately way. The coverings can have additional information on the park or on the rides attraction on it to round the general qualitative impression of the photo off.
- Speed measurement: The system can also be used with additional light barriers for the measurement of the wagon speed of the rides attraction.