out on
a new job!

– versatility in your everyday work

imacon ixpress

»*The Imacon Ixpress*
digital back...

...is the most versatile image capture device available at the high-end of the market, giving the photographer a choice of total portability or working tethered to a computer in the studio...«

TIPA: Technical Image Press Association

Unlimited photography

High-end shooting wherever you want, whenever you want – with no digital restrictions on your creativity. You choose the location, surroundings and set – Ixpress just delivers.

The technology edge

Ixpress C: The new generation of digital backs

The new Ixpress C Digital Back gives you the power and freedom to capture your best images from an entire world of subjects. On location, you can take a new high-resolution shot every two seconds and keep shooting for up to 1150 images, all of which are saved straight to the Ixpress Image Bank. You never need to change flash cards, micro drives or other storage media.

On-location shooting

Ixpress offers a stand-alone digital capture system that includes both a high-end digital back for your camera and the Ixpress Image Bank, which supplies battery power and high-speed image storage.

As you work, you can inspect your shots using the two-inch colour preview display, which provides histograms, image browsing and ultra-fast zooms down to the pixel level. Or to work even faster, use the audio exposure-feedback system (patent pending), which uses sound to tell you if each new shot is over-, under- or perfectly exposed without requiring that you look away from the viewfinder.

When you get back to your studio and connect the Image Bank to your computer, a digital contact sheet pops up automatically. Preview images appear very quickly (100 every 2.5 seconds), so you can start sorting and selecting them right away. Imacon's powerful, award-winning imaging software, FlexColor, helps you fine-tune and process your images for a perfect final result in RGB or CMYK (print-ready) colour.

The Ixpress Digital Back: 16 or 22 Megapixels

Available with either a 16- or 22-million pixel sensor, the Ixpress Digital Back is state-of-the-art in high-end digital capture.

Both sensors offer 9-micron pixel size, so the sensor you choose will depend on the type of work you do most. The large sensor provides a larger capture area with extra detail that reduces the risk of moiré patterns and other artifacts, while the smaller sensor lets you store more images on your Image Bank and uses a square format so you never need to rotate the camera back.

Ixpress	96C	132C
Single shot:	96 Mb	132 Mb
Multi shot (optional):	up to 384 Mb	up to 528 Mb
Image Bank capacity:	1150 images	850 images

The Ixpress Image Bank

IMAGE BANK With a storage capacity of up to 1150 high-resolution images and power for up to 8 hours of constant shooting, the Ixpress Image Bank makes the whole world your studio. To ensure maximum shooting speed throughout its lifetime, its storage media is specially sectored and formatted to prevent fragmentation.

Using the Image Bank is easy because you never need to plug it into a wall socket. When connected to your computer, it takes power straight from the FireWire cable; on the road, it uses a standard L-size rechargeable battery.
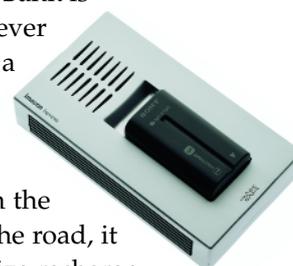
Extra resolution for stills: The 4*Res upgrade option

In a studio environment, you can increase the resolution of your captures by means of a unique multiple-exposure technique controlled by the optional 4*Res module, which captures images at up to 4 times the sensor resolution. The module thereby enables you to capture images up to a stunning 528 MB in size (non interpolated) when using the large sensor.
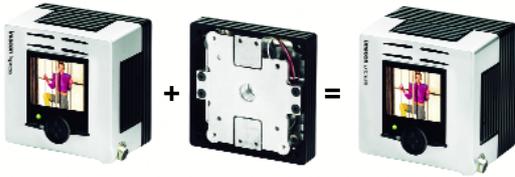
With 4*Res (patent pending), multiple exposures are taken to allow the entire CCD area to capture each colour without interpolation, thereby providing maximum resolution and absolutely moiré-free images.

Digital imaging breakthrough: Less heat – more power

In a digital camera, it is vital to keep the CCD as cool as possible. Electronically generated heat not only represents wasted energy drained from your batteries, but it also creates noise in your images, thereby limiting the dynamic range, density and image quality. Thanks to its unique Double Duration Circuit technology (patent pending), Ixpress runs more than twice as cool as similar digital backs, giving you clearer pictures, true 16-bit colour depth and double the battery life.

i-Adapter concept: One back fits all cameras

The Ixpress back attaches to almost all medium- or large-format camera bodies using an interchangeable adapter plate. That means you can shoot digitally with your cameras using the same back. Rental studios need only invest in one type of digital system to support all of their customers' cameras. You can attach any i-Adapter to your camera back using just four screws. i-Adapters are available for a wide variety of camera bodies, including both standard and auto-focus models.

FlexColor image-handling software

FlexColor runs natively on both Macintosh and Windows computers and is licensed to allow you to provide free copies for all of your co-workers and production partners. Both FlexColor and the image files it creates are optimized to work smoothly with industry-standard software, such as QuarkXPress and Adobe Photoshop.

Secure your future high-end digital camera investment

With modular technology and fair upgrade pricing, it is Imacon's policy to help our customers stay competitive as technology develops. The 4*Res upgrade option, the sensor size (from 16 to 22 Mpixel) and the colour-display upgrade program are examples of Imacon's commitment to protecting your investment.

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Your unique advantages

Computer-free operation

Eight hours constant shooting on a single charge; up to 1150-image storage capacity; two-inch colour preview display with image browsing and ultra-fast zooms; when you return to the studio, your computer shows an automatic contact sheet, with active image browsing and 100 images transferred every 2.5 seconds.

IMAGE BANK Fast and non-stop capture

Full-resolution captures and previews stored every two seconds; bursts of up to 1150 images; no need to change storage media (such as compact flash cards, micro drives, etc.); audio exposure feedback uses sound to tell you if each new shot is over-, under- or perfectly exposed for fast shooting without removing your eye from the viewfinder.

DDC DOUBLE DURATION CIRCUIT Best single-shot images up to 132 MB

Revolutionary DDC technology gives you *less heat – more power*, taking full advantage of the true 16-bit colour depth captured by the Ixpress Digital Back.

i-Adapter concept: One back fits all cameras

Flexible solution with an interchangeable adapter plate for each camera system; i-Adapters fit to the camera back using just four screws; most popular medium- and large-format camera bodies are supported, including both standard and auto-focus models.
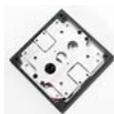
4*Res upgrade option: a new level of quality for studio photography

Ultra-high-end image quality for still-life subject photography, with image sizes from 96 to 528 MB; provides moiré-free operation in both 4-shot and 16-shot modes.

Photo: Lars Svankjær

Technical specifications	Ixpress 96C	Ixpress 384C	Ixpress 132C	Ixpress 528C
Sensor size/mode (Mpix):	16	16/64	22	22/88
Sensor area (mm):	36.9 x 36.9	36.9 x 36.9	36.9 x 49	36.9 x 49
Image size (8/16 bit RGB data):				
1-shot (MB)	48/96	48/96	66/132	66/132
4-shot (MB)	n.a.	48/96	n.a.	66/132
4*Res-shot (MB)	n.a.	192/384	n.a.	264/528
16 bit per colour (65.536):	yes	yes	yes	yes
ISO value	50 - 400	50 - 400	50 - 400	50 - 400
Max. exposure time (seconds)	32	32	32	32
Ixpress components:				
- Ixpress Digital Back	yes	yes	yes	yes
- Ixpress Image Bank	yes	yes	yes	yes
- 4*Res module	available	included	available	included
Capture rate, including preview	2 sec.	2 sec. (single shot)	2 sec.	2 sec. (single shot)
Ixpress Image Bank (no 1-shot)	1150 images	1150 images	850 images	850 images
Colour display	yes	yes	yes	yes
- histogram feed back	yes	yes	yes	yes
- acoustic feed back	yes	yes	yes	yes
Active temperature control	yes	yes	yes	yes
Double Duration Circuit	yes	yes	yes	yes
Battery for Ixpress Image Bank:				
- SONY InfoLithium L	NP-F series	NP-F series	NP-F series	NP-F series
- duration, constant shooting	up to 8 hours	up to 8 hours	up to 8 hours	up to 8 hours
Mac/PC connect:				
- Firewire	yes	yes	yes	yes
Imacon FlexColor with »3F«	yes	yes	yes	yes
Cross platform software support				
- Mac OS9, OSX	yes	yes	yes	yes
- PC Win 98, ME, NT, 2000, XP	yes	yes	yes	yes
Cameras supported:				
- 35mm cameras:	Horseman DigiFlex II and PrecisionWide 35, via Hasselblad adapter			
- Medium format cameras:	Hasselblad CM, CW, ELD, ELX and H1. Mamiya 645 Pro, 645 AFD, RB and RZ 67. Contax 645 AF. Fuji GX680 I, II, III. Rollei 600X and AF			
- View cameras:	All, via Hasselblad adapter			

For complete adapter overview, download »Ixpress Solutions Guide« on www.imacon.dk/support

Compelling and unique feature set:

- **Computer-free operation**

  Store up to 1150 images

  Up to 8 hours on a single charge

  Fast menu-driven colour display

  Audio exposure feedback

- **Fast and non-stop capture with Image Bank**

- **DDC image quality**

- **i-Adapter concept**

- **Optional 4*Res upgrade module**

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Unlimited photography...