



## THE TANDEM HEAD GUARDIAN



**Icam's** approach to combining Microfilm and Digital technology allows both existing customer microfilm camera users, and new purchasers access to the latest specification digital cameras while still maintaining the facilities and benefits of our 35/16mm preservation microfilm camera. The digital camera and lens most suited to the customers needs can be selected from our range of one shot and scanning cameras. This unit is then fitted in 'tandem' with the microfilm head, allowing the camera to be used either as microfilm, or digital, or both. Transition time between heads is approximately 5 seconds. Capture time and image size will depend on the digital unit selected.

### Camera Specifications – Digital

- Resolution :4K x 4K; 5.4K x 4K;  
6.5K x 4.8K; 7.2K x 5.4K  
(one shot)  
Up to 20,072K x 14,836K  
(scan)  
8bit or 16bit per colour output
- Max File size: (8 bit RGB) 48 – 852 MB  
TIFF
- Capture Speed: Single Exposure : ~ 2 sec.  
Scan: up to 240Mb / min.
- ISO 50 - 1600
- Lens: 45 – 55 – 80 – 120 – 150 mm  
(Various options inc. zoom & macro)
- Interface: IEEE1394 (FireWire) or USB2
- Windows 2000/XP/Vista & MAC
- Capture / calibration / image management software included
- Output TIFF, JPEG, greyscale etc.
- Macro capture to larger than A0
- Book Cradle: 360° rotation
- Book Shuttle travel: 560 mm
- Table clearance with Book Cradle: 125 mm.
- Table clearance without Book Cradle: 245 mm.

### Options

- Automatic Air Shuttle
- Dual height (30X) copyboard
- Hybrid – microfilm & digital head
- Tandem – dual digital heads
- Computer system and monitors

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