



Colortrac
Our Business is Your Image

ANAtch Eagle Colour Scanners enhanced

Exceptionally Accurate, High Resolution Colour Solutions for GIS, Mapping, CAD and other Demanding Applications

ANAtch Eagle Colour scanners are designed for the most demanding colour applications where accuracy and resolution are essential for capturing fine image detail and critical colour features successfully. The extremely accurate first generation scans produced are capable of being imported directly into production workflows with minimal post-scan editing, saving you precious time and money.

- Typical applications can include digital proofing and re-digitising of half tone screened data where high resolution (up to 800 dpi optical) is critical to capture the very small printed dots and maintain their size.
- GIS customers rely on the Eagle's un-matched geometric accuracy (0.05%) and resolution to produce raster files for direct input, with no need for expensive geo-referencing processes, such as rubber sheeting or warping.
- The high optical resolution of the Eagle is made possible by its patented three point optical mounting and single, large diameter roller media transport system. This critical design feature delivers exceptional geometric accuracy of 0.05% by eliminating the effects of environmental changes, external vibration and resonance.
- Using a glassless scan path ensures best possible image quality and eliminates streaks in images saving end users time and money.



Included Software

ScanWorks - Scanning Software



- intuitive viewing & editing
- Batch scanning with Presets
- Scan once, edit many, archive
- 4 Works the way **you** like to work
- 4 Automatic setup & consistent quality
- 4 Maximum workflow efficiency

Scanning

- 24-bit RGB, 256 & 16 colour optimised palette, 256 level greyscale, black & white
- Single Image or Batch file scanning with automatic original detection & scan
- Utilities for scanner calibration and fully automatic camera stitching
- ISO, American and Auto-size to original document

User Interface & Document Viewing Tools

- Simple, intuitive user interface with Icon Buttons for most scan & imaging functions
- Real time 1:1 zoom view and pan while scanning
- Thumbnail view of entire image for zoom reference & navigation
- Loupe view with selectable 100, 200, 400% zoom

Image Filtering Tools

- Sharpen / Blur filters
- Noise Removal filters to reduce screen patterns etc.
- Tone Reproduction Curve editor for RGB or R,G,B
- Gamma, brightness, contrast and black & white point adjustment
- De-skew to any angle, Rotate 90° CW & CCW
- Crop to selected area, Mirror about Y axis
- Convert from current or saved image type to another
- Invert Greyscale or B&W images
- De-speckle with variable spot size
- Adaptive 2D and Fixed Thresholding for B&W
- Undo and Tool Reset buttons

Archiving

- Auto indexing file names
- File name Browse / Create
- Presets - Create / Save / Open; proven scanner & filter setups
- Multiple industry standard raster file formats

Batch Processing and Scheduling

- Batch process scanned archives with a choice of image filtering tools and file conversions.
- Use Batch Scheduler to run unattended batch processing when the workstation is available or for overnight runs.



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ANAtech Eagle Colour Scanners - Technical Specifications

	27160C	42101C	42160C	62101C
Scan Time (secs)*				
~ colour	56s	72s	112s	143s
~ greyscale (greenscale mode)	19s	24s	37s	48s
~ mono (greenscale mode)	19s	24s	37s	48s
Resolution (dpi)				
~ maximum	1600	1016	1600	1016
~ optical	800	508	800	508
Active Scan Width x unlimited length	27", 69cm	42", 107cm	42", 107cm	62", 158cm
Maximum Document Width	44", 112cm	44", 112cm	44", 112cm	64", 163cm
Imaging Technology	3 cams.	3 cams.	5 cams.	5 cams.
Scan Accuracy	All models use tri-linear CCD's of 7,500 pixels width Straight line image path with no scan glass for streak free scanning 36-bit primary point digital data capture Patented 3-Point chassis mounting with isolated optics			
Media Handling	0.05% with document thickness of 0.008"			
Document Type	Media up to 0.1", 2.54mm thick Patented, single large diameter roller			
Illumination	Opaque or Translucent Cold cathode tube			
Colour & Image Processing	Gamma adjustment Downloadable indexed colour palettes			
Monochrome Thresholding	2D Intelligent Adaptive Thresholding Hardware (IAT)			
Output Modes	24-bit RGB Colour, 256 & 16 Colour optimised palette 256 level Greyscale, Black & White			
Interface	Firewire and SCSI			
Equipment	27160C / 42101C / 42160C		62101C	
~ dimensions	40" H x 58" W x 26" D 102cm x 148cm x 66cm		40" H x 78" W x 26" D 102cm x 198cm x 66cm	
~ weight	375Lbs, 170Kgs		425Lbs, 193Kgs	
~ operating environment	65 ~ 85F, 18 ~ 30C, 15 ~ 90% RH, non-condensing			
~ power requirements	100 ~ 240 VAC autosensing, 47 ~ 63 Hz			
Eagle Scanners Include	ScanWorks, BatchWorks, Predator, PC & Mac TWAIN Firewire Cable, User Documentation, Localised Power Cable			

Minimum System Requirements

Pentium 400MHz Processor / 128MB RAM / 10GB Disk Space /
24-bit Graphics Display Card SCSI Interface, 68 pin half pitch Dsub
connector with thumbscrews or firewire interface (recommended)
Windows™ 95 / 98 / 2000 / NT4.0 service pack 3 / XP

* Scan speeds are estimated and subject to change, based on 42" length and 27" or 36" wide scan (depending on model)@ 400 dpi total scan time in secs ignoring any host system limitations or setup time. The scan rate is proportional across the full range of resolutions supported by the scanner. However, the actual scan times will depend on the host system performance. Contact your local supplier for advice on the optimum system configuration for your application.

info@colortrac.com www.colortrac.com

UK Office • Kings Hall • St Ives Business Park • St Ives • Huntingdon • Cambridgeshire • PE27 4WY
T +44 (0)1480 464618 • F +44 (0)1480 464620

US Office • 17301 West Colfax Avenue • Suite 165 • Golden • Colorado • 80401-4891 • USA
T +1 (303) 973 6722 • F +1 (303) 973 7092

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