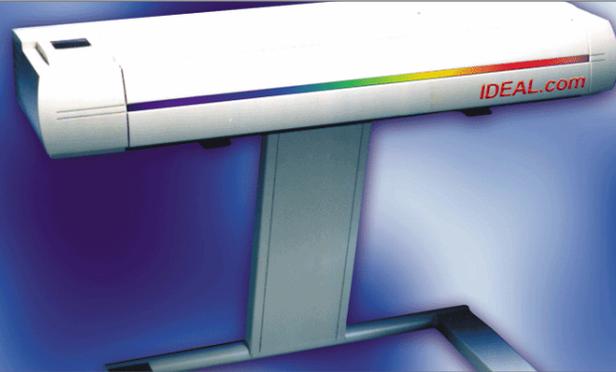


IDEAL FSC 8010

- 36" Wide Format Color Scanner, 800 dpi
- Provides the best possible large format color scan-to-print where heavy detail is important in color renderings, maps and large color graphics.



Features

- Supports ICC Profiles
- Supports 24-bit RGB Color
- Optimum Color Scan-to-Print
- 8.2 Line Pairs/mm for accuracy
- Supports Feature Extracted Color
- Supports Graytone and Black & White
- Single Pass Color Scanning

Applications

The IDEAL FSC 8010 DSP Color Scanner provides the best possible scans for color renderings, maps, and large color graphics where heavy detail is important. The FSC 8010 is used in the GIS, Reprographics, CAD, and Graphic Arts industries for color classification for vectorization, storage, retrieval, conversion to CAD, and scan-to-print. It can efficiently rasterize drawings up to 36" wide (E-Size) on 40" media by any length. The scanner can be used stand-alone or as an integrated component of Color ScanCENTRAL.

Color Accuracy

The FSC scanners conform to the ICC standard. The FSC Scanners are accurate, two-dimensional sampling devices; document motion is one axis and electronic scan of the Charge Couple Device (CCD) semiconductor cameras is the other. They have a straight through paper path design and scan with unparalleled accuracy, +/- 0.1% in both the X and Y axis to ensure the most accurate scan possible. The FSC 8010 DSP Color Scanners basic entry-level copier interface, JETimage, performs image capture, color mapping, and transfer directly to a standard inkjet plotter. The copier interface supports closed loop color calibration. The FSC 8010 DSP Color Scanner supports Area Diffusion Logic (ADL) which allows documents containing mixed photographic and line-art (including text) areas to be captured with greater detail. There are 8.2 line pairs/mm for measuring accuracy.

High Performance Scanning

The IDEAL FSC 8010 DSP has variable resolution settings from 25 to 800 dpi selectable in one dpi increments that match user requirements. This scanner can scan a typical E-Size color original into industry standard formats in 48 seconds at 200 dpi. The FSC 8010 DSP Color Scanner requires WIDEimage, the operating software for color scanning. The FSC 8010 DSP can extract color and patterns of color into separate layers which can then be converted to DXF and DGN vector files with Wiselimage.

Scan to Index

The FSC 8010 DSP also supports monochrome scanning applications. Scan and single-field index monochrome images with IDEALScanOS, an optional software package from IDEAL. Scan and print information are stored in database archive. Print to multiple monochrome printers/plotters. IDEALScanOS is fully compatible with IDEAL's ScanDEX, for data acquisition of drawing title block information to an ODBC compliant database.

Scan to Print

Scan large format color originals with heavy detail and print them out to any inkjet plotter without losing any details or colors. The FSC 8010 DSP color scanner is the perfect front-end to any color inkjet. The JETimage color copier interface can turn any inkjet into a digital color copier.

When Solutions Matter

An Online Demo is a great way to see a product in action from the convenience of your PC. Arrange a one-on-one Online Demo today by e-mailing sales@ideal.com or calling IDEAL at 1-800-764-3325.

Color Scanner

IDEAL.com

Specification Sheet

IDEAL FSC 8010

Sensors	Triple Tri-linear CCDs, 15,000 pixels
Sampled Resolutions	50 to 800 dpi selectable in 1 dpi increments
Media Width	6 in to 40 in
Scan Width	6 in to 36 in
Scan Length	Unlimited
Scan Modes	24-bit RGB Color, 8-bit Feature/Extracted Color, 4-bit Feature/Extracted/Index Color, 8-bit Graytone, 1-bit Black & White
Color Adjustment	Brightness, Contrast, Blur, Black & White points, 3 x 3 Matrix Multiplier; R, G, and B Tone Curves (gamma)
Light Source	Color Matched, Stabilized fluorescent lamp
Optics	Apochromatic lenses, compact path, torsion stabilized for portability
Interface	Fast SCSI-2
Dimensions	49.25in W x 7.9in H x 15in D
Weight	101 lbs. 153 lbs. Shipping
Power	110/220/240V, 60/50hz. 180W selectable on power input block
MTBF	7000 hours
MTTR	0.5 hours
Fax File Formats	N/A
Fine Line Resolution	8.2 line pairs/mm
Relative Humidity	20% to 90% (no condensation)
Shock and Vibration	Operating: 1G, 10-150 Hz. Storage: 10G, (in case) no harm to scanner
Standards	UL114 (4th edition); part 15 FCC rules; designed to meet IEC 380
Heat Dissipation	614 BTU/hr.
Operating Noise Level	58 dBa at 1 meter
Includes	6 ft power cable, User documentation, 1 Year Warranty
Requires	WIDEimage Interface Kit for color (Windows 98, NT 4.0, 2000)
Temperature	Operating: 10-40 deg C Storage: 10-70 deg C
Options	Stand
Color File Formats	TIFF, LZW, JPEG, PCX, BMP, RAS, PCL, RTL
Monochrome File Formats	RLC/RCL2, PCX, CUT, HRF, RLE, RAS(SUN), RST
Compressed Binary File Formats	CALS Group4 Type 1&2 (Tiled), GR4AB, IG4, CIT, TIFF Group3 & Group4
Run Length Encoded File Formats	N/A
Gray Shade File Formats	PCX, TifUN, IGS, TIFF, LZW
Print/Plot File Formats	EPS, HPGL, VER, CRFF, JDL, HP-PCL, and HP-RTL