KONICA MINOLTA

AccurioPro
Color Manager Suite

THE FIRST STEP IS ALWAYS THE EASIEST

RETHINK EFFICIENCY

Giving Shape to Ideas

Easy-to-use color management solution
that meets every demand for color management

AccurioPro ColorManager Suite

Color management, which directly contributes to print quality,is essential for every printing company.

However, color management can be very difficult to perform with current software solutions.
For example, what is necessary is not only color matching for single printer, but also a wide variety of tasks for all the devices a customer has, such as engine linearisation, color matching/validation, maintaining color condition, and tracking.
Konica Minolta offer such customers the easiest-ever color management solution.
AccurioPro ColorManager Suite is an all-in-one solution which realises highly effective easy-to-use color management.
And it integrates with printers (DFEs) and IQ-501 as well, to realise high-level integrated work-flow.

Before

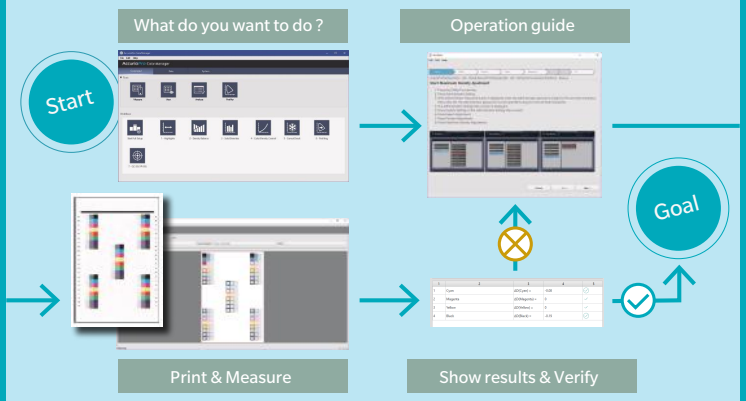
- Technically oriented Individual operations
- Many tools

IQ-501 | Panel | Measure Tool | Printer controller DFE | FD-S2w | User's Guide Service Guide | Application

▶ **Careless mistakes**

NEW

- User-work-oriented guidance of front-end and validation tasks
- Guided workflow provides sure operation by any user.



Operational procedures are easy to understand.

Color management involves a wide variety of tasks, which have different operational procedures.

- Examples: Color matching to new type of paper or new target, daily management of printer condition, checking color reproduction condition before printing, etc.
  AccurioPro ColorManager employs wizards to navigate the procedures for each task. This enables even unskilled operators to perform color management with ease.

Operations are automated.

Many companies are shifting their color management from visual management to quantified management. However, they still need to perform labor-intensive operations.

- Examples: Printing/measurement of charts necessary for quantified management, pass/fail judgement based on numerical values, reporting/verification of color management status, etc.
  AccurioPro ColorManager automates all these laborious tasks.

Operations are seamless.

Konica Minolta offers KM-unique color management products including IQ-501 and AccurioPro Cloud Eye. By integrating with these products, AccurioPro ColorManager realises easier and seamless operations for measurement and color quality management.

AccurioPro ColorManager Suite

AccurioPro ColorManager Suite is the ultimate color management solution that encompasses a wide range of features required for color management in a single package. This makes it easier than ever to perform color management.

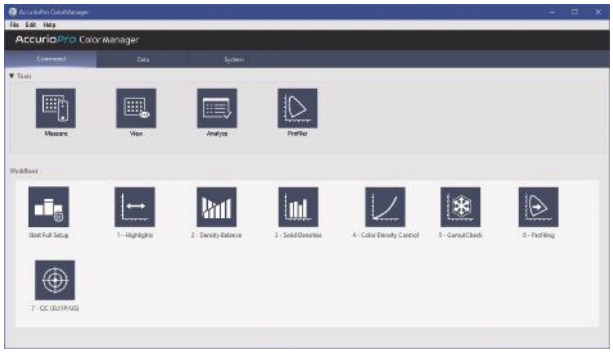
Color management is complex, involving a wide range of tasks, such as engine base setup, profile creation for each color or paper type, color validation, maintaining color condition, and tracking.
By combining all these tasks into a single package and functionally integrating with IQ-501, Konica Minolta realises a unified color management solution that is sophisticated yet simple.

AccurioPro ColorManager Suite consists of AccurioPro ColorManager Advance, AccurioPro ColorManager Print and AccurioPro Cloud Eye.

AccurioPro ColorManager Advance

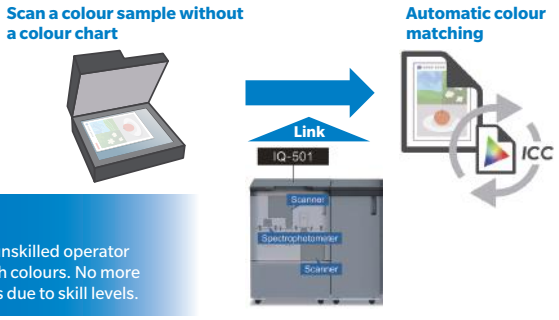
AccurioPro ColorManager Advance is a wizard-based software that facilitates the following two operations:
1. Engine base setup to achieve the performance level required by the printer specifications.
2. Profile creation for precise reproduction of the color that an operator intends to output.

In addition, its capability to verify the created profile avoids procedural errors to ensure accurate operations.
AccurioPro ColorManager Advance also minimises color-related troubles and realises accurate color management by verifying whether the paper to be used can reproduce the target color.



AccurioPro ColorManager Print

AccurioPro ColorManager Print is an application for effectively managing colours on a computer.
Automatic colour matching for printed matter lacking colour charts by merely reading the colour samples with a scanner thanks to the link between the scanner and the IQ-510. It helps increase work efficiency through reducing man-hours for colour matching and offering more accurate colour reproduction.



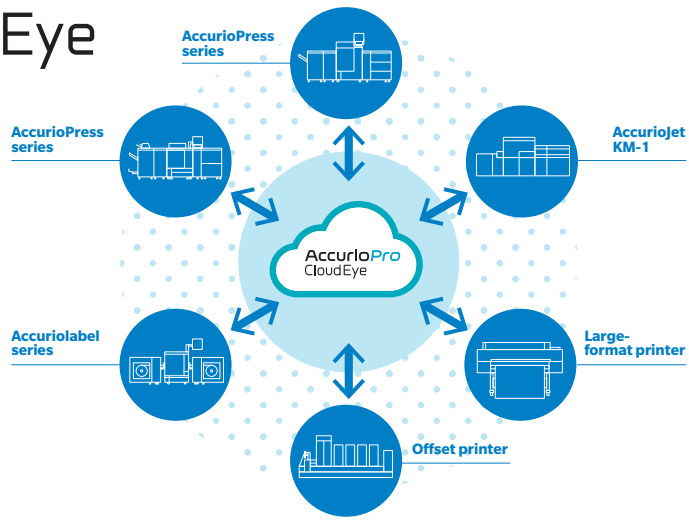
High accuracy colour matching
Allows highly accurate colour matching of samples without colour charts.

Quick
Colour matching work is shortened to just 5 minutes. Helps prevent wasting paper from redoing colour matching.

Simple
Even an unskilled operator can match colours. No more variations due to skill levels.

AccurioPro CloudEye

AccurioPro Cloud Eye provides centralised color management to businesses with printing operations at multiple locations by ensuring accurate color reproduction at each printer via the cloud. Color management procedures can be easily consolidated not only within your offices, but also with cooperative companies and at your factories.
AccurioPro Cloud Eye will transform the way you work. By maintaining consistent color reproduction conditions, this innovative system ensures accurate, real-time color reproduction regardless of the operator's experience.

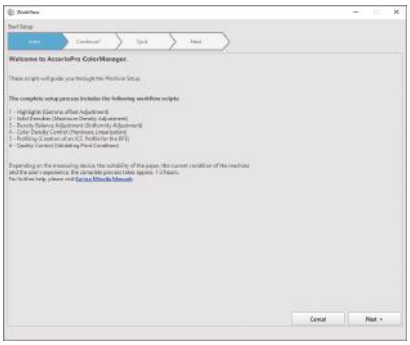


Key features of AccurioPro ColorManager Advance

Engine basic setup

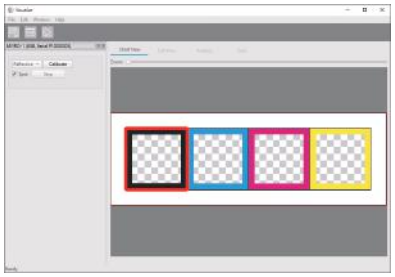
To provide the following workflows to adjust several color settings managed on the printer engine, and the full workflow to guide operators in recommended processes.

- Highlight adjustment
- Maximum density adjustment
- Density balance control
- Color density control (color adjustment for each paper type)



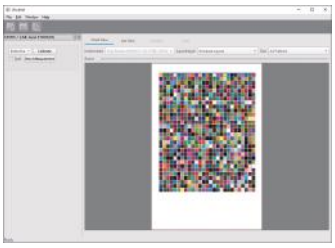
Color control verification

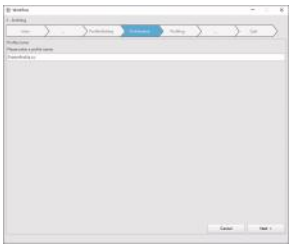
To verify whether the printer engine color adjustment results conform with Konica Minolta's standard (that is called engine gamut check). User can confirm whether or not re-adjustment is needed. This will be helpful to ensure optimum and stable color quality in the printer engine. In addition, to verify whether or not the color gamut with the paper to be used for actual production is suitable for the target print standard color gamut (in-gamut or out-of-gamut) before creating a printer profile. This will also be helpful to avoid wasted work and consider proper paper selection and target color quality level.

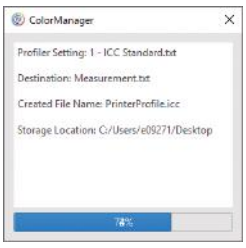


Create profile

To create higher quality ICC profile suitable for individual printing conditions with actual paper to be used and individual printer engine conditions. Profile calculation settings are optimised for Konica Minolta standard color. The following setting options can be selected.



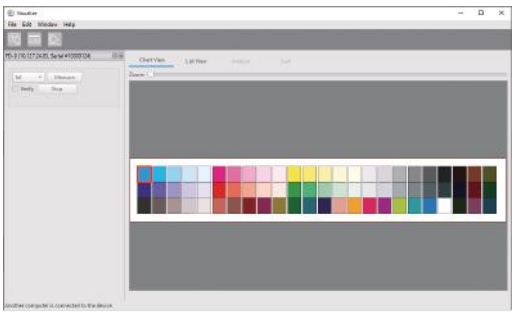




	Type of ICC profile	Description
ICC-standard	Printer profile	Standard printer profile setting. This is used for production printing in CMYK workflow.
ICC-max. Black.	Printer profile	Black replacement prioritised setting. This is to reduce toner consumption, keeping as good color quality as possible. Color quality would not be as good as standard setting.
DL-standard	Device link profile	CMYK-CMYK device link profile for production printing in CMYK workflow. Relative colorimetric rendering intent.
DL-simulation	Device link profile	CMYK-CMYK device link profile used for proof printing (Simulation) and printing on colored paper media. Intended for absolute colorimetric rendering.
DL-RGB production	Device link profile	RGB-CMYK device link profile used for production printing in RGB workflow. Intended for perceptual rendering. This makes perceptual quality (smooth color relationship and highly saturated color) for e.g. photographs.
DL-office print	Device link profile	RGB-CMYK device link profile for business document printing. Intended for saturation rendering. This is helpful for eye-catching graphics where color impact is more important than color accuracy, such as pie charts in business documents.

Profile inspection

To check about ICC profile accuracy using icc-based color simulation technology. This can confirm whether newly prepared ICC profile is correctly and precisely generated or not by correct process and operations.

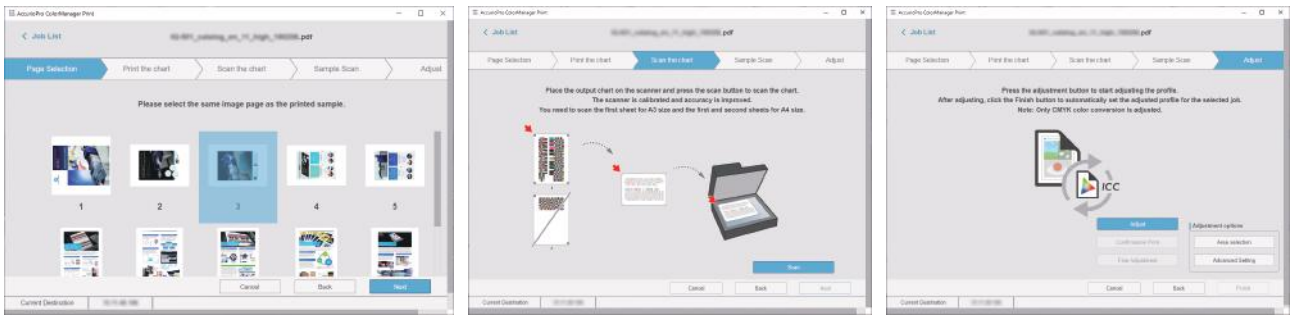


Key features of AccurioPro ColorManager Print

Easy to understand operation flow

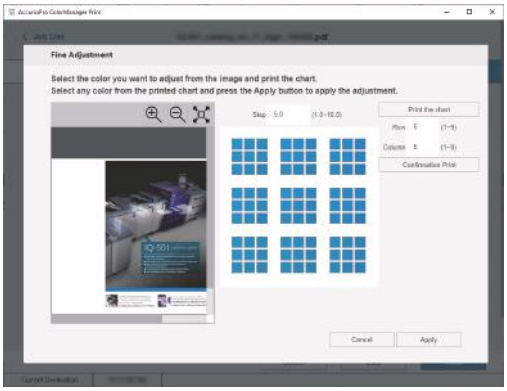
Colour matching is explained with the use of illustrations on each screen with the operation flow displayed.
In addition to basic adjustments, the following useful functions are also available.

- Fine Adjustment
- Area selection



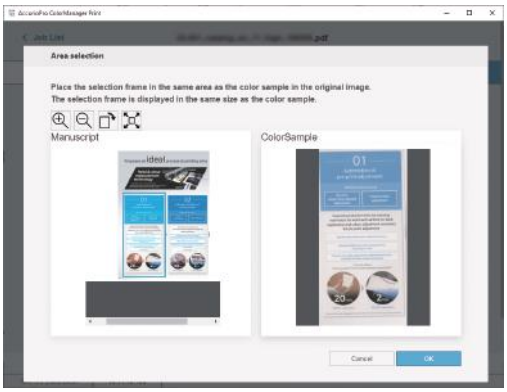
Fine Adjustment

To make colours even more accurate, this function selects the appropriate colour from the relevant colour chart and adjusts it.
Even finer colour matching can be achieved by charting the colours selected on the preview screen in percentage units.
This is useful for outputting key colours, such as corporate colours.



Area Selection

This function trims the document data adjustment region to the same size as the colour sample if the document data and colour sample sizes do not match.
This is useful when using part of the document data as the colour sample, such as when cutting the colour sample from a pagination job.



Key features of AccurioPro Cloud Eye

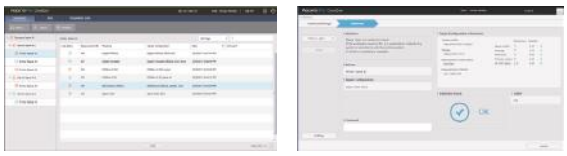
Real-time sharing and management of the latest color reproduction status via the cloud

Daily color management

Eliminates erros across all locations, providing reliable color management

Automated, accurate color management and judgement regardless of the user's experience

Manage colors and make color judgements on a daily basis under uniform conditions between multiple locations and multiple devices. Preset colour conditions provide colour measurement and judgement in a wizard-style interface so that even operators without special skills can maintain the same level of color reproduction.

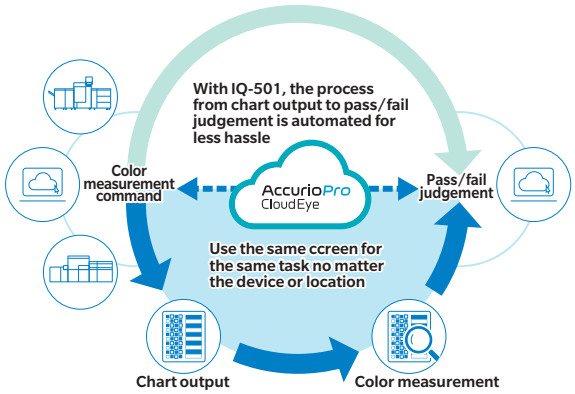


Uniform color measurement and management tasks

Because you can use the same color management method between different devices, locations, and even subcontractors, uniform color management is simple. can maintain the same level of color reproduction.

Reduced task times through linking with IQ-501

On devices equipped with the Intelligent Quality Optimiser IQ-501 automatic quality optimiser option, it is possible to set commands from the main unit panel. Automated color measurement tasks via the IQ-501 also reduces the workload of time-consuming color measurement tasks.



Centralised color management of printers across multiple locations applying unified standards

Color matching

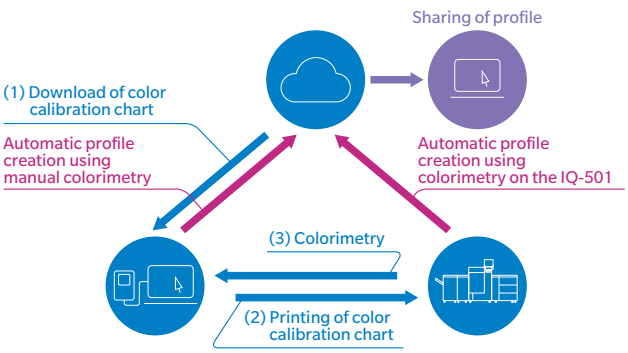
Centralised management of color matching

Automatic creation of Device Link profile

Because AccurioPro Cloud Eye employs a feedback method for measurement results, the system enables the automatic, simple creation of high precision Device Link profiles even for users who has no colour expertise.

Sharing of profile settings

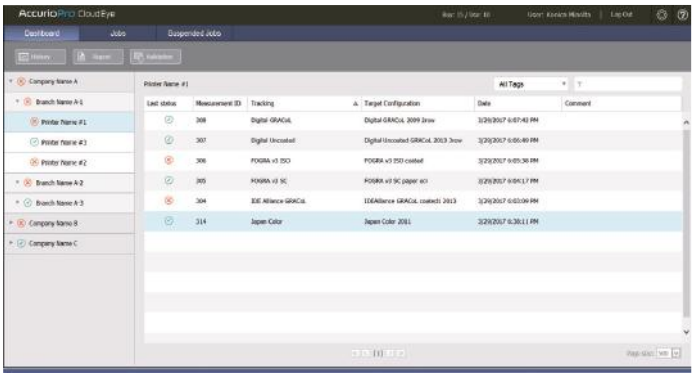
As profile creation settings defined by administrator are delivered and shared, centralised management of colour matching across all locations and cooperative companies becomes possible.



Reporting List display of management status of printers

List display of the latest measurement results

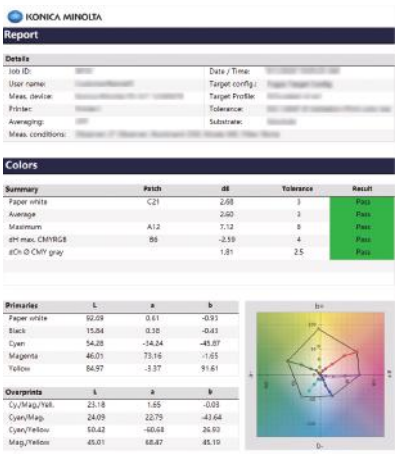
After logging in via web browser, the latest color management status for the managed companies, locations, and printers can be displayed on a list on the main screen.



Dashboard Screen

Detailed display of measurement results

Graphs and reports show users detailed information regarding the management status and judgement results of each printer at their own factories and their cooperative companies.



Generation of measurement results report

Reports including detailed judgement result for each measurement are available from a database and are easy to share at any location.

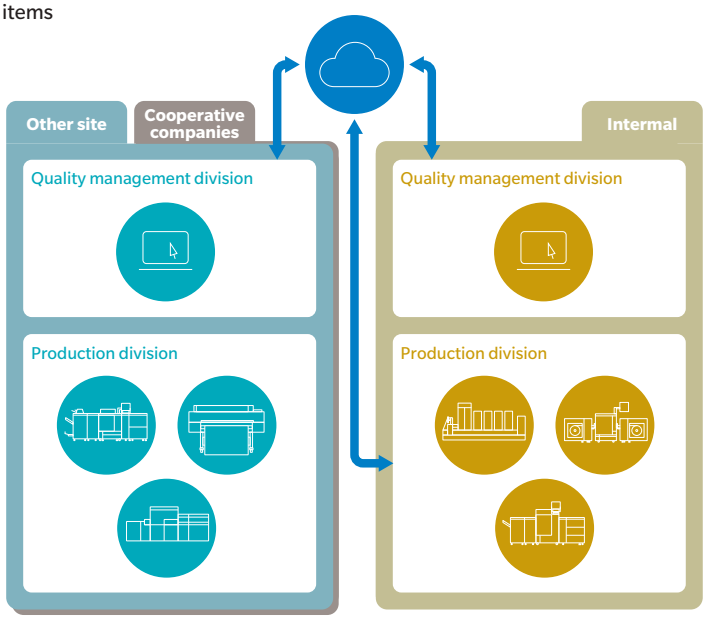
Sharing of measurement results

Management status and judgement results can be shared with cooperative companies and other users.

Data sharing sharing of key color management items

Sharing of key items

This system provides "Tracking"-daily management results and status, and "Target Configuration "-configuration of target value, judging criteria, and profile creation. These key items of color management can be shared at multiple locations as well as between external AccurioPro Cloud Eye users. This enables streamlined operations and total cost reduction.



Sharing items

1. Target Configuration
   Management standards. A file that combines color target values, tolerances of management, and condition setting for Device Link profile.
2. Tracking
   This is a combination of the printer and its Target Configuration to manage printer color reproduction.

Major specifications of AccurioPro Color Manager Advance

Major functions

Print engines	Independent	Functions except for the engine setup function.
	Dependent	Engine Setup function (Supported models only)
Engine set UP	Highlights	
	Density Balance	
	Solid Densities	
	Color Densities Control	
	Gamut Check	
ICC profiles	Device link	CMYK-CMYK RGB-CMYK
	CMYK printer	
CMYK printer	Measurement data visualize	
	Automated parameter setup	
	ICC v2/v4 profile	
Supported measurement equipment	KM FD-7, FD-5BT2, FD-5BT, FD-5	
	KM FD-9	
	KM MYIRO-9	
	KM MYIRO-1	
	X-Rite i1Pro, i1Pro2	
Charts	Color Care target	
	Control wedge	Fogra/Ugra v3.0, P2P51, etc.
	Profiling chart	TC1617
Quality assurance	Validation	Fogra, G7, Japan Color, JMPA
	Simple Pass/Fail info	

Major specifications

System	**OS**	Windows: 8.1, 10 Mac: OS X10.10, 10.11; macOS 10.12, 10.13, 10.14, 10.15
	CPU	Intel® or AMD processor with 64-bit support 2 GHz or faster processor
	Memory	at least 4 GB; 8 GB recommended
	HDD	at least 8 GB of available hard disk space is recommended
	Interface	USB 2.0 (Hi-speed) or Ethernet (100Base-TX)
	Display	Display hardware capable of displaying 1,024 × 768 pixels or more; 1,366 × 768 or more is recommended
	Supported models	AccurioPress C6100/C6085 AccurioPress C3080/C3080P/C3070/C3070P AccurioPress C14000/C12000 AccurioPress C83hc AccurioPress 6136/6136P/6120 AccurioPress C4080/C4070

Language	Japanese, English, French, Italian, German, Spanish, Korean, Simplified Chinese, Traditional Chinese
Manual	Online
License	Software license (online/offline)
Update	Check existence of new version (SMP needed)

Major specifications of AccurioPro ColorManager Print

Major functions

Applicable devices	The following configuration is required to use this application. • Can connect to the Intelligent Quality Optimizer IQ-501. • Includes a scanner. Or, can include a scanner as an option. • Uses the Image Controller IC-604/605/607/609/610 from Konica Minolta (cannot be used with the IC-4XX from EFI or the IC-3XX from Creo). * Even in the configuration above, this application may not be available depending on the firmware version you are using.
Restrictions	• Jobs that include RGB objects cannot be adjusted. • Supports the following colour sample sizes. Sizes of 297.0 mm x 431.8 mm or less (A3 / A4 / A5 / A6 / JIS-B4 / JIS-B5 / JIS-B6 / ISO-B4 / ISO-B5 / ISO-B6 / SRA4 / Tabloid / 9 x 11 / Legal / 8 x 13 / Letter / Statement / Post Card / 8K / 16K / Custom size*) *: The short side must be 51 mm or more. • The minimum size for colour samples that will be trimmed is 51 mm.

Major specifications

System	**OS**	Windows: 8.1, 10 (32-bit/64-bit)
	CPU	Intel (R) Core (TM) i7-7500U CPU @2.70 GHz (Recommended)
	Memory	The available memory size must be 1.5 GB or more
	HDD	At least 3 GB of available hard disk space is recommended
	Network	TCP/IP (IPv4/IPv6) *Cannot be used in environments that only support IPv6.

Languages (Preinstalled)	English, Japanese, Simplified Chinese, German, French, Italian, Korean, Traditional Chinese, Spanish
User Manual	Online
Licence	Software licence (online/offline)
Update	Checks existence of new versions

–This application does not handle any personal information.

Major specifications of AccurioPro Cloud Eye

Major functions

Daily management	Measurement of management control wedge
	Pass/fail judgement for measurement data
	Adding measurement data to database
	Automatic measurement linked with IQ-501
	Support for arbitrary target
	G7 validation
Reporting	List display of management status of multiple printers and locations
	Time-series graph, detailed information on measured values
	Reports for measurement results
	E-mail notice of pass/fail result
Colour matching	Profile creation • Custom target profile • Device link profile • Printer profile
	Automatic optimisation of profile through measurement data feedback
Data sharing	Sharing of printer management status and measured values for each target (Tracking sharing)
	Sharing of target configuration (combination of measurement conditions and management standards)
	Sharing of Tracking and Target Configuration among users
Setting of usage conditions	Creation and registration of target configuration *Content of target configuration • Target ICC profile • Tolerances of pass/fail judgement • Daily management control wedge • Device link profile creation settings • Measurement equipment settings
	Creation and registration of tracking *Tracking: daily management unit = combination of printer and target Configuration
	Creation of employee user ID • 3 tiers authorisation settings

Major specifications

Product name	AccurioPro Cloud Eye
Software type	Web application, Windows application
Measurement function	Major supported charts • IDE Alliance Digital 2009/2013 • Ugra/Fogra media wedge V3.0 • Japan Color control strip V1.0 • IT8.7-3, IT8.7-4, ECI2002, TC3.5 • JMPA ECI 2002, JMPA 2018 Control strip • P2P51, TC1617x, G7 Verifier
Usage environment	Supported measurement equipment • Konica Minolta: IQ-501, FD-5/7 series, FD-9, MYIRO-1 • X-Rite: i1iSis, i1iSis XL, i1iSis2 XL, i1Pro, i1Pro2, i1iO, i1iO2, i1Pro3, i1iO3, i1Pro3 Plus
	Management status browsing and reporting • PC: Windows 7 onwards, OS X 10.11 onwards • Mobile device: Android 4.4 onwards, iOS 7.0 onwards Measurement operations (PC only) • Windows 7 onwards: Windows applications (recommended)

–The specification and functions above may not be supported or available depending on used OS or application, network protocol, network composition and system configuration.
– Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
– Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
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Product appearance, configuration and/or specifications are subject to change without notice.
This product is not available for some countries or regions.

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⚠ Requirements for safe use

- Please read and follow the instruction manual to ensure safe operation.
- Only operate using appropriate power supply and voltage.
- Connecting the earth wire to an inappropriate place may cause explosion or electric shock. Please connect accordingly (Taiwan and the Philippines only).

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