KODAK **CREO**

IC-316 PRINT CONTROLLER

Supports:
Konica Minolta AccurioPress C14000 & C12000
Konica Minolta AccurioPress C7100 & C7090

Maximize performance
Increase profit potential

Maximize performance and color quality in digital and blended print environments

KODAK CREO IC-316 Print Controller together with Konica Minolta AccuiroPress production printing presses, offers unparalleled productivity through performance and automation. Based on the industry leading CREO Server technology with advanced software and hardware, the IC-316 enables customers to achieve outstanding results. Creo's legendary color control is intuitive, yet powerful, providing consistent and accurate offset-quality output. With extremely fast processing speeds, variable data printing capabilities and built-in connectivity to third party applications, you will experience unprecedented RIP performance, color consistency, and short turnaround times all which are vital for production print environments. With these capabilities the IC-316 streamlines operations, boosts quality levels and increases profitability.

Exceptional Performance
The IC-316 is based on Creo's most advanced high-speed software and hardware architecture, providing unprecedented RIP performance. Parallel processing can be applied to single or multiple jobs which greatly increases throughput and productivity. Concurrent spooling and processing on the same job enables printing to begin even before the entire job is imported into the system. Files are now analyzed before processing which leads to optimal parallel processing.

Variable Data Printing
CREO IC-316 Print Controller has unique VDP performance and capabilities utilizing both software and hardware. The processed re-usable VDP elements are stored on the controller and pages are built at print time for fast printing. The exact same workflow and job settings are used for both VDP and static jobs. VDP jobs can be imposed on the-fly, previewed, archived and color managed. The IC-316 supports industry leading formats such as: PDF/VT, PPML and VPS, enabling you to create a variety of personalized documents such as brochures, flyers and magazines.

High Productivity
CREO IC-316 Controller offers features that enhance productivity and boost profitability. It provides an intuitive and simple user interface that enables operators to quickly and efficiently process and print more jobs. Files can be batched into a single run and job instructions can be set at page level, including subset finishing. Using the Creo remote desktop software, you can easily program jobs, manage color, apply imposition and printer finishing settings, all from your local PC or Mac workstations. The unique post-RIP technology enables for late changes without re-RIPing the job

Workflow Connectivity
The IC-316's open connectivity and full JDF compliance, enables seamless integration with third-party workflow solutions such as KODAK PRINERGY Workflow. This allows efficient and unified management of both digital and offset print devices, with increased automation, reduced costs and fewer errors.

Effective and Advanced Solution for Transaction Printing
CREO IC-316 Print Controller has built-in technology to support any IS/3 compliant IPDS/AFP production output data stream. The IC-316 optional Trans Pack provides full bi-directional IPDS communication capability for applications requiring native IPDS processing as well as AFP files consumption. The IC-316 provides dual working modes: IPDS mode for real-time Intelligent Printer Data Stream printing and commercial mode for static print jobs.

Konica Minolta AccurioPress C14000, C12000

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IC-316 New Functionality

Enhanced Auto image inspection

CREO IC-316 Controller supports, via job ticket printing, several auto image inspection features that are now newly available in the Konica Minolta printer.

– Ability to assign a reference job ID to any imported job

– Define the level of inspection—from loose to strict

– Set the reference job data for deletion after a successful production

New TU-510 Trimmer unit support

The Creo job ticket enables you to assign trimming parameters profiles defined by Konica Minolta's new TU-510 advanced trimmer. Apply these parameters to cover and body sheets allowing for slitting and trimming jobs requiring full bleed finishing.

Calibration method selection

In addition to the supported multiple calibration and profiling work flows, the IC-316 now enables you to define Linear or G7 calibration as the default calibration method. Print Quality Validation function can use either Fogra or Idealliance industry standards.

Scheduler for Accounting log Exporting

Ability to define a schedule to automatically export the accounting log at predefined times, starting from a predefined date. You can also define the location in which you want the log file saved.

Duplo layouting

The IC-316 enables you to select Duplo layouting when using the Cut and Stack imposition method. Selecting this option changes the order in which the pages are imposed on the sheet so it will best fit upstream trimming with Duplo finishers.

Newly and Enhanced Calibration Devices Support

The IC-316 provides enhanced automatic calibration functionality for high color consistency and registration accuracy using the inline IQ-501 Image Quality Optimizer.

In addition to the other standalone calibration devices, Konica Minolta MYIRO-1 spectrophotometer is also supported.

IC-316 Optional Packs

Fast pack

The Fast Pack provides additional processing power enhancing the CREO IC-316 Controller's productivity:

– Automatically optimizes simultaneous processing of a job's pages and between multiple jobs

– Adds additional RIP power using a total of (4) RIP nodes

– Enables process queue batching capabilities

– Option to print based on the original job order instead of the order in which the jobs complete their processing

Match pack

Extends the feature set of the IC-316 with an emphasis on the capabilities requested by graphic arts and commercial print providers.

This pack includes the following features:

– Kodak perfect touch algorithms (KPT)

– Import device link profiles

– Color picker

– Predefined color sets

– Print color set samples

– Spot color variations

– Export for proof

– Edit spot color per media type

Action pack

The Action Pack extends the feature set of the IC-316 with an emphasis on the capabilities requested by graphic arts and commercial print providers. This pack includes the following features:

– Progressive Printing

– Enfocus PitStop Edit

– Enhanced Imposition Template builder

– Dynamic page exceptions (SPD) and Exception Mapping Rules

– Folded Signatures

– Mark Sets

– Reusable Elements Management (enhanced)

Trans pack

The Trans Pack provides a complete solution for Transactional and Transpromo printing using the Intelligent Printer Data Stream (IPDS) workflow, including bidirectional communication with an IPDS host as well as to print AFP files directly.

The optional Trans Pack adds the following capabilities to the IC-316:

– Fully secured bi-directional communication (counters, statuses, recovery, etc.) between printer and IPDS host

– Ability to consume AFP file format directly

– Support PDF/EPS object containers

– CMOCA support + full color management for AFP/IPDS

– IPDS IS3 compliance

CREO IC-316 Specifications

Hardware Platform

CPU	Intel Core i7-8700
Memory	20 GB total (15 GB system memory, 5 GB image memory)
Hard disks	8 TB total (2 TB system disk, 3 x 2 TB image disks)
Fusion Board	FusionMCM
Interface ports	6 x USB 2.0 ports (1 front; 5 back) 2 x USB 3.1 ports (back) 2 x USB 3.1 type C ports (back) 1 x Display port
Network	2x 1 Gigabit Ethernet LAN ports
Peripherals	Monitor 21.5", Keyboard, Mouse (all included)
Power Supply	Input Voltage Range: 100-127 / 200-240 V~, Input Frequency Range: 60/50 Hz

Operating System

Windows 10 Enterprise 2019 LTSC

RIP Technologies

APPE 4.9, CPSI 3021

File Input Formats

Adobe PDF (versions 1.3 through 1.7, PDFX-1a, PDF/X3, PDF/X4)	PDF/VT—PDF/VT1 and PDF/VT2
PostScript (composite files) (levels 1, 2, and 3)	JDF/JMF
EPS	XPS
Creo VPS (Variable Print Specification)	AFP, IPDS (part of the Trans Pack)
PPML (Personalized Print Markup Language)	JPEG
PPML.zip	TIFF—supports TIFF 6.0 files saved with sliced internal data
PPML/VDX	1 bit Tiff

Options

UK-117 Dongle Kit, Konica Minolta P/N: ACYNWY1 is required for connecting to AccurioPress C14000/C12000

Option Packs	Kodak Part Number
Action Pack	639-00290A
Match Pack	639-00291A
Fast Pack	639-00289A
Trans Pack	639-00292A

Dimensions and Weight

L × W × H	80 × 62 × 51 cm (31.5 × 24.4 × 20.1 in)
Weight	35kg / 77.2 lb

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