## Better Color Density & Details At High Speeds

While other printers lose color density in dark areas and details as they reach high speeds, the ColorPainter W prints accurate color densities - even at high speeds on dark images. The combination of high-viscosity inks and advanced printheads produce razor sharp, crisp images in all print modes - retaining details and color density.



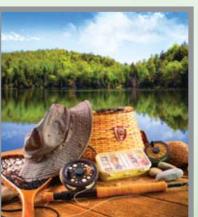## Multiple High-Speed Print Modes

Print at super high speeds with full color density, or slow your printer down to achieve super high resolution. Only a ColorPainter W printer offers this flexibility and the reliability to print high volumes when you really need it. You can also increase or decrease levels of Smart Pass 3 Technology to fine tune your printer for your exact application and image requirements.

## Industry's Best Backlit Film Prints

High density inks with higher pigment loading mean better, richer colors when you print backlit or frontlit films for light boxes. The ColorPainter W printers can print rich dark glossy blacks on standard backlit films, making any menu or airport graphic stand out.



| Print Mode | Speed | Drop Sizes | Resolution | Passes |
|---|---|---|---|---|
| Production | 191 sfph 17.8 m²ph | 3 | 540x360 | 4 |
| Normal | 128 sfph 11.9 m²ph | 2 | 540x540 | 6 |
| High Quality | 77 sfph 7.2 m²ph | 1 | 720x720 | 8 |
| Maximum Quality | 51 sfph 4.7 m²ph | 1 | 900x900 | 10 |

*Speeds above are for ColorPainter W64s. ColorPainter W-54s would be slightly slower.*

# super fast **print speeds**, with full **color density**

| Specifications | | W-64s | W-54s |
|---|---|---|---|
| Print Heads | | Industrial drop-on-demand piezo-electric | |
| Number of Print Heads | | 4 (for 4 color configuration), 6 (for 6 color configuration) | |
| Print Modes | | 900x900 dpi, 720x720 dpi, 540x540 dpi, 540x360 dpi | |
| Print Speeds | | 26 - 191 sfph 2.4 - 17.8 m²ph | 22 - 182 sfph 2.1 - 16.8 m²ph |
| Number of Nozzles | | 6 Colors: 254 nozzles x 6, 4 Colors: 254 nozzles x 4 | |
| Maximum Media Width | | 64" (1,626 mm) | 54" (1,372 mm) |
| Maximum Print Width | | 63.6" (1,616 mm) | 53.6" (1,362 mm) |
| Recommended Media Weight | | below 53 lbs/24kg | |
| Maximum Media Diameter | | 7" (180 mm) | |
| Maximum Media Length | | 164' (50 m) | |
| Paper Feed Method | | Roll/Cut Media | |
| Head Height | | 2 levels: .08"(2.1 mm) or .1" (2.6 mm) | |
| Margin Size | | 1/5" (5 mm) when using roll without edge guard | |
| Ink | Types | GX Low Solvent High-Viscosity Ink IX Low Odor, HAPs-Free High-Viscosity Ink Neon Inks For GX Only (Neon Yellow, Neon Pink) | |
| | Colors | 4 Colors or 6 Colors | |
| | Ink Capacity | 500 milliliters per color | |
| Media | | Vinyl, banner, backlit films, textiles and other media designed for solvent printers | |
| Built-in Heater | | 3-way independently controlled heater (front/ print/rear) 59°F (15°C) - 133°F (55°C) | |
| Modes on Optional Take-up System | | Tension, Loose, Inside, Outside | |
| Interface | | USB 2.0 | |
| Power Consumption | | 1350 W (in operation) | |
| Power Voltage | | 110 VAC ± 10% | |
| Operating Environment | | 59-86°F (15-30°C) 30-70% RH (no condensation) | |
| Storage Environment | | 5-35°C (41-95°F) 10-80% RH (no condensation) | |
| External Dimensions (W x D x H) | | 112" x 33" x 50" (2,830 x 830 x 1,255 mm) | 102" x 33" x 50" (2,576 x 830 x 1,255 mm) |
| Weight | | 502 lbs (228 kg) | 451 lbs (205 kg) |
| Accessories | | Waste Ink Bottle, USB 2.0 cable, Wiper Sponge, S/W RIP, CD w/User Manual & CP Manager SW | |

*Specifications are subject to change without notice. Please contact your local authorized SIIT product reseller.*

### OPTIONAL ACCESSORIES

| | |
|---|---|
| IP5-182 | Blower/Dryer Unit (54" & 64") |
| IP5-153 | Take-Up Unit (64") |
| IP5-260 | Take-Up Unit (54") |
| IP5-262 | Cutter Unit (64") |
| IP5-263 | Cutter Unit (54") |
| IP5-265 | Exhaust Attachment |
| IP5-264 | 6 Color Upgrade Kit |
| IP-261 | 2" Flange |

### INK

**GX Ink**: Value-priced low-solvent ink with excellent color, glossiness, adhesion, dry-time, and long-term outdoor durability.

**Neon Ink**: 2 UV Fluorescent inks that glow under blacklight. Only compatible with GX inks.

**IX Ink**: Low-odor, HAPs-Free ink with excellent color, glossiness, adhesion, dry-time and medium-term outdoor durability.

### RIP

A special-edition SIIT Onyx RIPCenter RIP is included. Most industry RIPs also support the ColorPainter W-64s & W-54s printers. Consult with your authorized Reseller to identify the best RIP for your needs.

### SUPPORT

Seiko Instruments USA offers comprehensive support for all Seiko I Infotech products through our factory-trained authorized resellers.

By Phone:
Real-time support is available Mondays to Fridays (8:00am-5:00pm Pacific Time), excluding holidays.  Tel: 760-781-5200 Option 3

By E-Mail:
ColorPainterSupport@seikoinstruments.com.

High Productivity & High Image quality
ColorPainter W-64s / W-54s
Easy to use & ECO Friendly

ECO-Friendly Ink

# fast, rich glossy colors, media **flexibility**, low running costs, all in a wide-format printer with unmatched **reliability**

## Flexibility

### 54" or 64" Wide

Choose a 54" model to keep investment costs low, or choose the full size 64" model to print full 63.5" wide graphics. Both models offer the exact same functionality and features.

### 4 or 6 Colors

Choose to print with 4 colors or 6 colors. Four color printing is more cost effective, but 6 color printing offers slightly better image quality, especially in gradients and flesh tones. 4 color printing uses 4 separate printheads, while 6 color printing uses 6 printheads.

**ColorPainter W-54s**

### Choose GX Ink For Long-Term Outdoor Durability or IX Ink For HAPs-FREE Printing

**GX Ink**
True low-solvent inks that give the flexibility to print on almost any substrate type, with great adhesion, scratch resistance and the longest outdoor durability.

*Note: ColorPainter W printers can be switched from one ink type to another after installation.*

**Neon Inks For GX**
Neon Yellow and Neon Pink can be used with GX inks to produce bright indoor graphics that glow under UV blacklights. Perfect for night clubs, casinos, bowling alleys, laser tag facilities, parties, etc.

**IX Ink**
The first HAPs-Free inks that offer rich, glossy, colors, and fast dry times without the use of HAPs (Hazardous Air Pollutants*). No baking, no expensive media required. Better for employees.

*\* Hazardous air pollutants are 188 specific chemicals identified by US EPA and Clear Air Act*

### Low Ink Running Costs - Ink Consumption Comparison

| ColorPainter W Comparison Chart | 6 Color ColorPainter W IX Ink | 6 Color ColorPainter W GX Ink | 4 Color ColorPainter W IX Ink | 4 Color ColorPainter W GX Ink |
|---|---|---|---|---|
| Image Quality | Excellent | Excellent | Very Good | Very Good |
| Speed (sfph) | 128 - 191 | 128 - 191 | 128 - 191 | 128 - 191 |
| Ink Usage Per Sq. Ft. (ml) | 1 ml | 1 ml | .65 ml | .65 ml |
| HAPs-FREE Ink | Yes | No | Yes | No |
| Estimated Ink Running Cost | $0.24 | $0.20 | $0.16 | $0.13 |

*Example above is based on one photographic print test for comparison purposes only. Actual usage may vary.*

### Options

ColorPainter W printers offer options such as an optically controlled takeup system, a blower/dryer for improved dry times, or an upgrade to a full version of Onyx Postershop (Onyx RipCenter is included).

## Reliability

### Advanced Industrial Piezo Printheads

Industrial printheads jet faster and last longer than desktop printheads, so you save time and money in the long run. Designed for longevity and high-volume printing environments, the SII Piezo printheads offer high-resolution, high-speeds, and most importantly - reliability.

SII Industrial Piezo InkJet Printheads
254 Nozzles Per Head

### DDP — Dynamic Dot Printing

Dynamically processes images into 3 different drop sizes, and jets 3 different drop sizes on-the-fly. DDP maximizes image quality while maintaining proper color density at high speeds.

### SNM — Smart Nozzle Mapping

Innovative nozzle compensation function re-maps clogged nozzles so you can continue to print with perfect image quality with no speed loss. Choose to clean your printhead later - keep printing now. Reduces printhead replacement and service costs by up to 10X, and maintains maximum uptime.

### Smart Pass SP3 Technology

Smart Pass 3 is an advanced technology that creates sophisticated algorithm-based gradient overlaps between print passes - reducing the possibility of banding on low-quality media or when printing difficult image types. Maximizes print quality automatically. This generation of technology is functionally superior to other layering technologies offered by other WF printer companies.

### 2 Year Warranty

We back up our reliability claims by offering an industry leading 2 Year Warranty that includes the entire printer and printheads. Service is performed by factory-training service technicians from the same company that sells our printers, so service is fast, local, and effective.

### Tension Control

Tension mechanism keeps drag consistent from beginning to end of a media roll, reducing feed adjustments and maximizing image quality.

**ColorPainter W-64s**

Available in 64" or 54" widths

### ColorPainter Manager Software

CP Manager software comes free with every ColorPainter W printer. It allows you to monitor printer status, change temperature settings, check ink levels, or even see suggested maintenance - right from your PC, mobile phone or tablet.

*Requires Windows-based PC.*

### Automated Maintenance

ColorPainter W printers are equipped with an advanced maintenance system that automatically wipes and cleans all printheads automatically - so daily maintenance is not required.

### New Reloadable Ink Cartridges

Buy ink bags instead of cartridges, and reduce landfill waste. The ColorPainter W printer now includes a free set of reloadable printer cartridges. Snap-in ink bags make changing ink quick & easy.

## **professional** software, automated **maintenance**