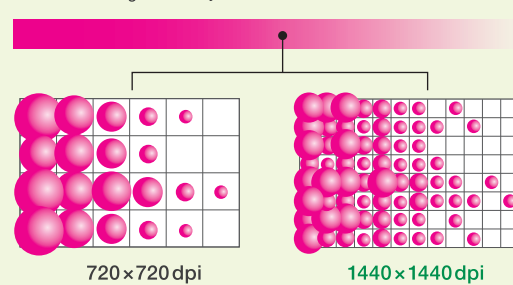# High quality

Using the technology Noritsu has developed over the years as a leader in silver halide printing, the QSS Green will blaze the trail in the new age of value-added digital prints.

High quality & High resolution

Beautiful sharp prints with multiple dot gradation dye ink system

The QSS Green uses a high-grade dye ink system that accurately portrays fine details due to its multiple dot gradation technology. The high quality ink, combined with the excellent absorbing quality of the paper, enables the QSS Green to produce outstanding print quality.

Yellow　Magenta　Cyan　Black

720×720 dpi　　1440×1440 dpi

Two profiles to choose from

There are two profiles available as a standard feature for the QSS Green – One that emulates the look of silver halide prints, and one that uses the full inkjet gamut to produce more vivid colors. The profile can be easily changed anytime to meet individual needs.
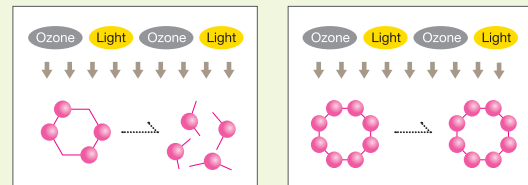
Silver halide profile　　Inkjet profile

High grade ink that produces long lasting colors

Prints made with conventional dye ink tend to fade quickly. However, the ink used in the QSS Green has an improved molecular structure so it is able to withstand light and ozone. This is why QSS Green prints boast excellent lightfastness and long lasting colors.
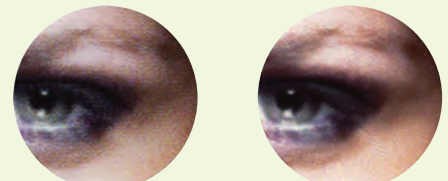
Ozone Light Ozone Light　　Ozone Light Ozone Light

Molecular structure of convention dye ink
Parts of the molecular structure are weak. Results in deterioration and fading.

Molecular structure of QSS Green dye ink
The dye ink used in the QSS Green has been improved to withstand deterioration, ensuring your prints will be enjoyed for generations to come.

The QSS Green can make impressive 1440 x 1440 dpi high-resolution prints

1440x1440dpi high resolution prints are less grainy and have smoother gradations than standard prints. Furthermore, this improvement in terms of graininess also has the effect of producing a better portrayal of contrast, texture and depth.

720×720 dpi　　1440×1440 dpi

You can register different resolutions (the standard 720x720dpi or the high resolution (1440x1440) in different print channels in the EZ Controller. This enables you to easily change the resolution by simply changing print channels.

Raw file printing

High quality prints from raw image files

Adobe's DNG conversion technology is incorporated into the EZ Controller along with Noritsu's AccuSmart image processing technology. This means you can easily make high quality prints from raw image files without using separate raw file conversion software.

JPEG data
A large portion of the pixel data in the original JPEG image has highlight areas that are too light. When the image is corrected, the overall light in the image is reduced, but the pixels representing the highlight areas that were too light are unsalvageable.

Raw data
All gradations are used, producing an image that is balanced well. There are very few pixels with shadows that are too dark and highlights that are too light.

EZ Controller (Selling separately)

Optimize the image with EZ Controller

In addition to serving the important role of system operation software, EZ Controller also has a wealth of advanced image correction functions to correct sharpness, contrast, noise, backlight, red-eye, and under/over exposure, etc.
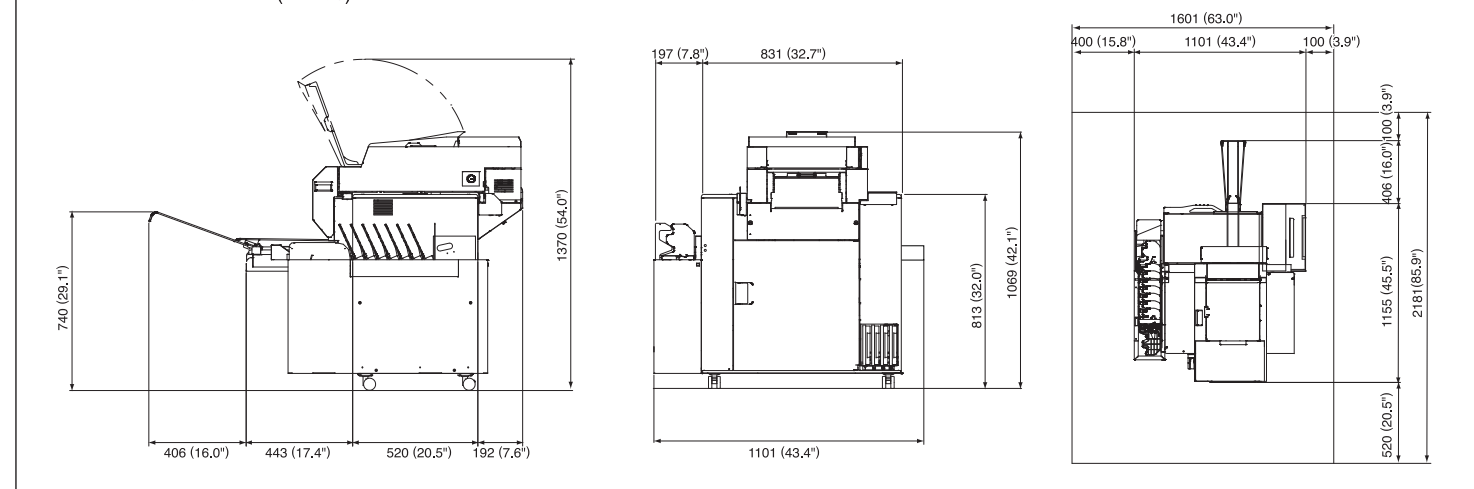

Specifications	
Printing system	Piezoelectric inkjet system
Print resolution	720x720 dpi　　1440x1440 dpi
Print size — Roll paper	Paper widths: 102, 127, 152, 203, 254 mm (4", 5", 6", 8", 10") Minimum Paper advance length: 88.9 mm (3.5") Maximum Paper advance length: 1757.7 mm (69.2")
Print size — Sheet paper	Paper widths: 102 mm (4") to 254 mm (10") Paper advance lengths : 178 mm (7") to 620 mm (24.4")
Maximum print size	Roll paper: 254 x 1757.7 mm (10" x 69.2")　　Sheet paper: 254 x 620 mm (10" x 24.4")

Paper types*1

Roll paper: Noritsu proprietary inkjet photo paper (Glossy/Semi-glossy)
Paper widths: 102, 127, 152, 203, 254 mm (4", 5", 6", 8", 10")　　Paper roll length : 100 m (328 feet)

Sheet paper (Sold by Noritsu):

Print size	Double-sided sheet paper (Thin, Semi-glossy, HG)	Double-sided sheet paper (Thick, Semi-glossy, HG)	Double-sided sheet paper (Thick, Folded, Semi-glossy, HG)	Single-sided sheet paper (Photo book cover)
102 x 213 mm (4"x8.4")		Supported		
203 x 213 mm (8"x8.4")	Supported			
254 x 213 mm (10"x8.4")	Supported			
254 x 188 mm (10"x7.4")			Supported	
210 x 307 mm (8.3"x12.1")	Supported	Supported		
216 x 289 mm (8.5"x11.4")	Supported	Supported		
254 x 442 mm (10"x17.4")				Supported
254 x 620 mm (10"x24.4")				Supported

Ink	4 colors of dye ink: Y (Yellow), M (Magenta), C (Cyan), BK (Black)　　Volume: 500 ml per color
Dimensions	See "External view" below
Weight	Printer with the 8-order print sorter unit: Approx. 180.6 kg (398.2 lbs) (excluding options, paper and ink cartridges)
Power specifications	AC 100-120V / 200-240V 1P2W
Rated power capacity	1,000 VA or less

*1 Paper types are subject to change without notice.

Repeat Printing Capacity (prints/hr)			
Print size (Width x Paper advance length)	Paper	Print resolution : 720 x 720dpi Prints/hour (Approx.)	Print resolution : 1440 x 1440dpi Prints/hour (Approx.)
127 x 89 mm　(5" x 3.5")	Roll	750	260
102 x 152 mm (4" x 6")	Roll	510	169
152 x 102 mm (6" x 4")	Roll	650	213
203 x 254 mm (8" x 10")	Roll	250	78
254 x 203 mm (10" x 8")	Roll	280	86
254 x 305 mm (10" x 12")	Roll	195	58
203 x 203 mm (8" x 8")	Double-sided sheet paper	67	27
254 x 203 mm (10" x 8")	Double-sided sheet paper	64	25
210 x 297 mm (8.3" x 11.7")	Double-sided sheet paper	60	22

External view < Unit: mm (inches) >

740 (29.1") / 1370 (54.0")
406 (16.0") 443 (17.4") 520 (20.5") 192 (7.6")

197 (7.8") 831 (32.7") / 813 (32.0") 1069 (42.1")
1101 (43.4")

1601 (63.0")
400 (15.8") 1101 (43.4") 100 (3.9")
806 (16.0")/100 (3.9")
1155 (45.5") 218 (85.9")
520 (20.5")

Noritsu Precision Co., Ltd.

The specifications, information, and appearance of the machine herein are subject to change without notice.

Our products have been manufactured under an ISO 9001-certified quality assurance system.

QSS & AccuSmart™ are trademarks of Noritsu Precision Co., Ltd.

All other product and company names herein may be trademarks of their respective owners.

NORITSU PRECISION

QSS Green

A new page in the QSS story

AccuSmart™

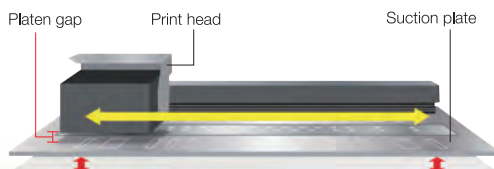# A new product is born in the QSS line

A dry printer has been added to the popular QSS minilab series, giving you another great product to choose from.
In addition to having all the fabulous features that made the QSS brand so popular with silver halide printer users,
the QSS Green meets the environmental needs
and is set to become the new de-facto standard model for photo businesses.
This new breed of QSS is poised to rewrite the history of photo printing.

New technological development

An adjustable platen gap to support a variety of papers

Platen gap is the gap between the print head and the paper. We have made the platen gap adjustable in the QSS Green. This enables it to process normal paper, cast coat paper and many other kinds of paper on the market.

Platen gap   Print head   Suction plate

Print quality and/or mechanical failure related to the paper use of non-Genuine Noritsu Paper may not be covered by Noritsu warranty and/or your local dealer service program/s.
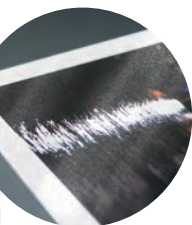

Enhanced value

With the QSS Green's wide variety of print services, you can provide new ways for people to enjoy their photos.

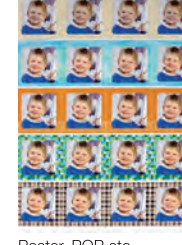### The adjustable platen gap enables you to choose a variety of papers

The fact that the platen gap is adjustable provides a big advantage because it enables the support of a wide variety of papers. Having more papers to choose from increases the variety of value-added products you can offer. With the ability to offer duplex prints and single-sided prints on a variety of different types of paper enables you to provide photo books and many other unique value-added products.

Metallic prints

Metallic finish gives your prints a unique attractive appeal

Sticker prints

Poster, POP etc.

Duplex prints
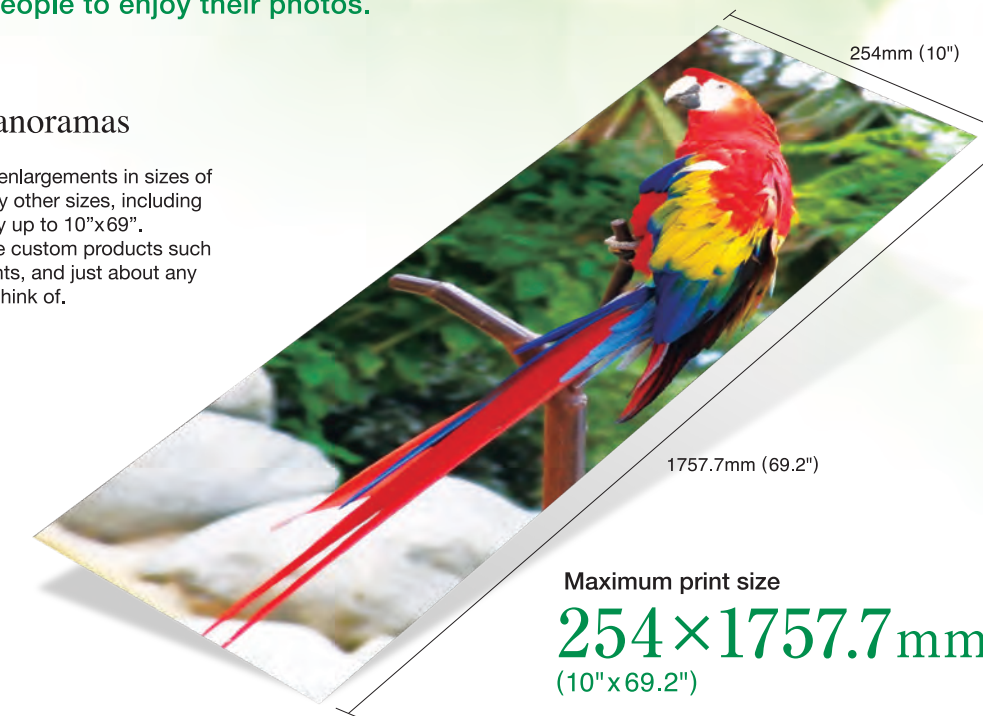

Photo books

Greeting cards
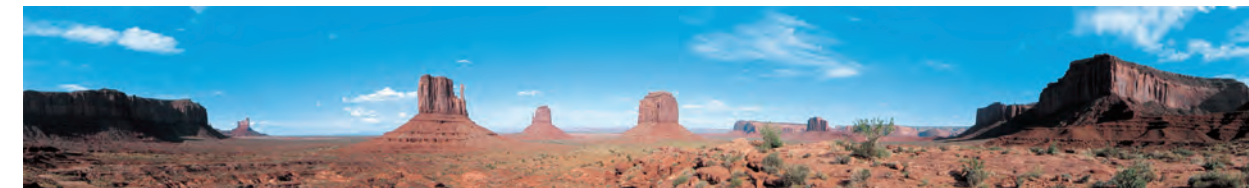
Photo calendars

Enlargements / Panoramas

The QSS Green can make enlargements in sizes of 10"×12", 10"×14" and many other sizes, including panorama prints all the way up to 10"×69".
This enables you to provide custom products such as poster prints, locker prints, and just about any custom print size you can think of.

254×457mm (10"×18")

254mm (10")

1757.7mm (69.2")

Maximum print size

254×1757.7 mm
(10" x 69.2")

Panorama print

Enhanced productivity

Loaded with advantages such as speedy printing and reduced labor/maintenance, the QSS Green has what today's photo retailers need.

High capacity enabling a steady turnover

Print capacity is the key to maintaining smooth and steady profits. The QSS Green enables you to quickly fulfill urgent orders of any size without sacrificing its top-level print quality.

6"x 4" (152×102mm)	approx.	**650** prints/hour
10"x8" (254×203mm)	approx.	**280** prints/hour
10"x12" (254×305mm)	approx.	**195** prints/hour

Use less space

0.43 m²

Compact design and flexible layout

Automatic sheet duplex unit
OPTION

The QSS Green can produce beautiful duplex prints with the optional automatic sheet duplex unit. This enables the production of a wide variety of value-added prints while occupying a small footprint.
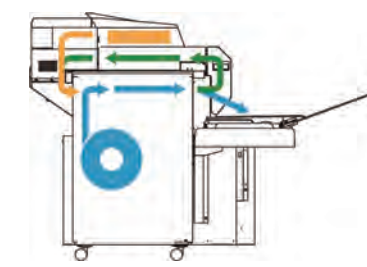
Loading the paper is easy

It is easy to print with both roll paper and sheet paper.

Sheet paper   Roll paper

→ Roll paper
→ Sheet paper
→ Duplex print

Print sorter
OPTION

The print sorter automatically sorts the orders to reduce hassle and improve efficiency.

Friendly to the environment and easy ink replacement

There are no photofinishing chemicals involved with dry systems. This means you do not have to worry about maintaining specific temperatures, handling and disposing solution, or any other related troublesome tasks. The QSS Green is friendly to the environment and it is very easy to replace the ink.
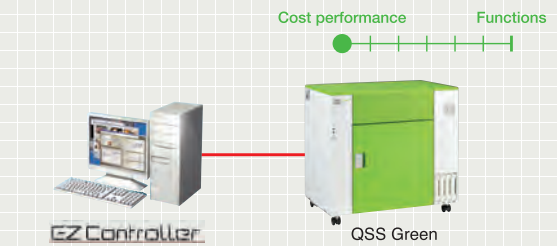

Versatile network

Whether you are running a small independent shop or a large professional lab, you can choose a network that meets your needs
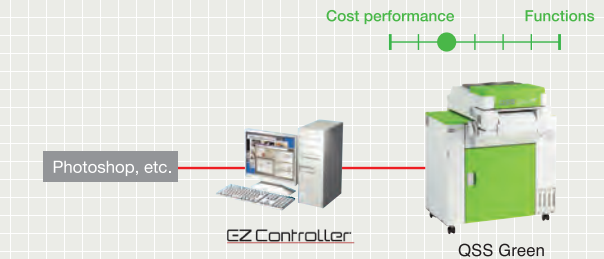
Independent shops

EZ Controller used to manage everything from order input to printing. Suitable for shops with limited personnel.

Cost performance   Functions

EZ Controller   QSS Green

Studios (in-house processing)

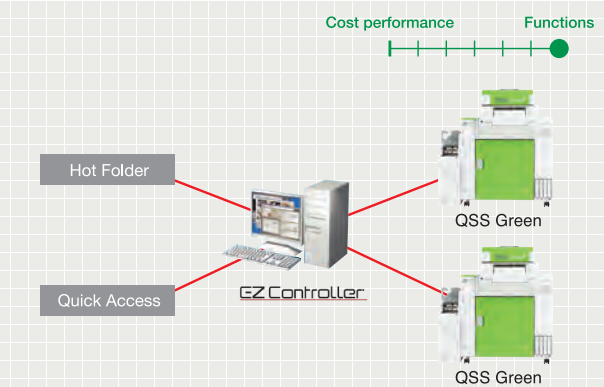For a smooth workflow from photographing the image and then applying corrections to printing it.

Cost performance   Functions

Photoshop, etc.

EZ Controller   QSS Green

Large-scale independent shops/Chain stores

The order taking process is easy, which does wonders to enhance efficiency.

Cost performance   Functions

EZ Controller   QSS Green

Large-scale chain stores/Labs

Can process large volumes with a scalable network system.

Cost performance   Functions

Hot Folder   QSS Green

Quick Access   EZ Controller

QSS Green

The network diagrams shown above are examples of how this product can be connected and used. They are not intended to show all details involved with each connection.