



4×6"
(102×152mm)

4×4"
(102×102mm
Using 4×6" Media)

4.5×8"
(114×203mm)

4.5×4.5"
(114×114mm Using 4.5×8" Media)

DNP

DIGITAL PHOTO PRINTER QW410

POWER

STATUS

**Compact and
lightweight¹**

**New de-curling
mechanism**

Variety in printing size

Energy savings²

Features

1 Compact and lightweight

The new photo printer ranks among the most compact and lightest¹ of printers available in the global market today. The new photo printer is 68% smaller and 57% lighter than the DS-RX1HS and 42% smaller and 50% lighter than the DP-DS620 which is designed as the compact model.

2 Flatter prints

The QW410 is equipped with an innovative mechanism that reduces the curl of the print, even while maintaining a smaller, compact footprint. The de-curling function will switch on automatically depending on the paper count left on the roll.

3 Proprietary 4.5-inch print head width

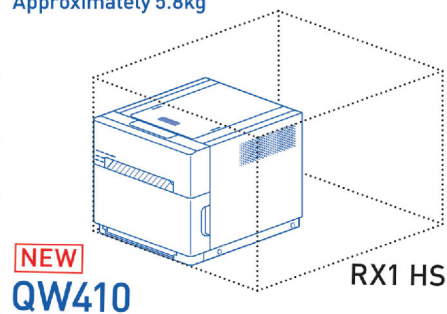
The new printer employs a proprietary 4.5-inch print head to allow consumers to now print 16:9 wide-ratio photos. By eliminating the need for cropping a wide format image down to a traditional 3:2 ratio (4x6" print) the consumer can preserve the whole image.

4 Energy

The photo printer reduces power consumption by approximately 28% compared to the DS-RX1HS, approximately 35% compared to the DP-DS620. As a result, battery-powered operations can be extended² for a greater period of time³.

One of the most compact and lightest of printers available in the global market today

(W) 208mm×(D) 240mm×(H) 198mm
Approximately 5.8kg



^{*1} Comparison with industrial use dye sublimation digital photo printers based on rolled paper, as of the end of July 2019 according to DNP.

^{*2} Possible to select equipment compatible with pure sine wave AC output batteries, such as a portable power supply in excess of 300W. This product is Class I equipment and must be used with grounded power.

^{*3} Continuous printing for approximately 1 hour or more is possible at a capacity of 200 Wh. Please consult your local dealer for details.

Printer specification

Model name	DP-QW410			
Print method	Dye sublimation thermal transfer			
Resolution (dpi)	300×300dpi			
Print size	4x6"	102x152mm	4x3"	102x76mm
	4x4"	102x102mm	4x4.5"	102x114mm
	4.5x8"	114x203mm	4.5x3"	114x76mm
	4.5x4.5"	114x114mm	4.5x6"	114x152mm
	By using SDK, it is possible to set a variety of print sizes. Do not use media of different width on the same printer.			
Print capacity	4×6" /4×4"	150sheets		
	4.5×8" /4.5×4.5	110sheets		
Print speed ⁴	curl correcting function off	High-speed	Approx. 19 seconds	
		4×6" High-quality	Approx. 24 seconds	
		4.5×8" High-speed	Approx. 24 seconds	
		High-quality	Approx. 30 seconds	
	curl correcting function on	High-speed	Approx. 22 seconds	
		4×6" High-quality	Approx. 27 seconds	
		4.5×8" High-speed	Approx. 27 seconds	
		High-quality	Approx. 33 seconds	
Print finish	Glossy/Matte/Partial Matte ⁴			
Buffer memory	32MB			
Interface	Compatible with USB2.0 type-B connector			
Printer driver	Windows 7 [32/64 bytes], Windows 10 [32/64 bytes], Windows 11			
Power supply	AC100V~240V, 50/60Hz Auto switching			
Power consumption	When printing: Approximately1.7A (100V, 50/60Hz)			
	When idle: Approximately 0.15A			
Dimension	(W) 208mm × (D) 240mm × (H) 198mm			
Weight <small>(Excluding accessories and consumables)</small>	Approx. 5.8kg(13 lbs)			

Print conditions: Comparison with 128 gray-level images, high-speed mode, and glossy finish in an indoor environment with an output condition of 25 ± 5 °C

⁴ SDK required

Dimensions



Installation space



Consumables

QW410 MEDIA SET (4x6)	150 prints/roll x 2 set
QW410 MEDIA SET (4.5x8)	110 prints/roll x 2 set



Distributor Contact:

DNP Imagingcomm Asia Sdn. Bhd.

PLO 676, Jalan Nikel 4,
Kawasan Perindustrian Pasir Gudang
81700 Pasir Gudang, Johor, Malaysia

Tel : +60-7-257-8400
Email : photosales@dnpg.com
<http://dnpipmagingcomm.asia/>

