



QuickScan™ QD2400 2D





Features

PERFORMANCE		
Frame Rate	60 frames/second	60 frames/second
Field of View (H x V)	39° H x 25° V	39° H x 25° V
Depth of Field (EAN13: 13 mils)	0.5 – 35.0 cm / 0.2 – 13.8 in	0.8 – 38.6 cm / 0.3 – 15.2 in
Depth of Field (PDF417: 10 mils)	1.0 – 13.0 cm / 0.39 – 5.1 in	2.0 – 15.2 cm / 0.8 – 6.0 in
Depth of Field (Data Matrix: 10 mils)	1.0 – 13.0 cm / 0.39 – 5.1 in	1.0 – 18.3 cm / 0.4 – 7.2 in
Motion Tolerance (inches per second)	25 IPS	25 IPS
Print Contrast	25%	25%
Available Interfaces	USB, KBW, RS-232	KBW, RS-232, USB IBM 468X / 469X, Wand Emulation, Synapse connectivity
Available Models	Multi interface	Multi interface
Software Configuration	Aladdin™, Host Download / Remote Management ready	RSM (Remote Scanner Mgmt.) Ready, 123Scan2 scanner configuration tool
User Feedback	Patented 'Green Spot' for good-read feedback, Beeper, LEDs	Beeper, LEDs
Aiming System	2 blue LED triangles pointing at center, soft dark red illumination	Single red led dot red illumination
PHYSICAL CHARACTERISTICS		
Weight (scanner only)	145.0 g / 5.1 oz	173.0 g / 6.1 oz
Additional Features	Reduced visual stress aiming system	None
ENVIRONMENTAL		
Particulate and Water Sealing	IP42	IP43
Drop Resistance	1.5 m / 5.0 ft	1.8 m / 6.0 ft
ELECTRICAL / MIXED FEATURES		
Input Voltage	4.5 – 14.0 VDC	5 VDC +/-10%
FACTORY WARRANTY		
	5 years	5 years

Datalogic Advantages

- Price
- Illumination and aiming system
- Datalogic's patented 'Green Spot' for good-read feedback
- Size and weight
- Wider input voltage

Competitor Weaknesses

- Basic aiming and illumination

Synopsis

These two images are almost comparable in terms of reading performance, but the DS4208 imager features a basic aiming system and is bulkier in design. The QuickScan QD2400 imager is more affordable and better suitable for the operator because of these features: ergonomics, lightweight model, patented 'Green Spot' for good-read feedback and a more efficient aiming system. When two similar products are very close on performance and pricing, the 'Green Spot' is a unique feature that always makes the difference in Datalogic's favor.





Features

PERFORMANCE		
Frame Rate	60 frames/second	60 frames/second
Field of View (H x V)	39° H x 25° V	42.4° H x 30.8° V
Depth of Field (EAN13: 13 mils)	0.5 – 35.0 cm / 0.2 – 13.8 in	2.5 – 25.0 cm / 1.0 – 9.8 in
Depth of Field (PDF417: 10 mils)	1.0 – 13.0 cm / 0.39 – 5.1 in	2.5 – 9.0 cm / 1.0 – 3.5 in
Depth of Field (Data Matrix: 10 mils)	1.0 – 13.0 cm / 0.39 – 5.1 in	2.5 – 9.5 cm / 1.0 – 3.7 in
Motion Tolerance (inches per second)	25 IPS	4 IPS
Print Contrast	25%	35%
Available Interfaces	USB, KBW, RS-232	USB, KBW, RS-232, IBM 46XX (RS-485)
Available Models	Multi interface	Multi-interface
Software Configuration	Aladdin™, Host Download / Remote Management ready	Remote MasterMind™ Ready
User Feedback	Patented 'Green Spot' for good-read feedback, Beeper, LEDs	Beeper, LEDs
Aiming System	Two blue LED triangles pointing at cntr, soft dark red illumination	Single red led bar white illumination
PHYSICAL CHARACTERISTICS		
Weight (scanner only)	145.0 g / 5.1 oz	119.0 g / 4.2 oz
Additional Features	Reduced visual stress aiming system	1D to PDF/2D upgrade capability
ENVIRONMENTAL		
Particulate and Water Sealing	IP42	IP42
Drop Resistance	1.5 m / 5.0 ft	1.8 m / 6.0 ft
ELECTRICAL / MIXED FEATURES		
Input Voltage	4.5 – 14.0 VDC	4.0 to 5.5 VDC
FACTORY WARRANTY		
	5 years	5 years

Datalogic Advantages

- Reading distance on any code
- Motion tolerance
- Illumination and aiming system
- Price

Competitor Weaknesses

- Reading performance

Synopsis

Honeywell's 1400g imager was created to replace the Voyager laser scanner following the migration from linear to 2D imagers. The 1400g imager performs poorly in terms of reading distance and motion tolerance. This is particularly critical for a product created with a stand and expected to function in 'stand mode' for a majority of the time. Also, the list price of this imager is high when compared to the QuickScan QD2400 imager.



	QUICKSCAN™ QD2400	INTERMEC SG20
Features		
PERFORMANCE		
Frame Rate	60 frames/second	60 frames/second
Field of View (H x V)	39° H x 25° V	39° H x 25° V
Depth of Field (EAN13: 13 mils)	0.5 – 35.0 cm / 0.2 – 13.8 in	2.0 – 30.0 cm
Depth of Field (PDF417: 10 mils)	1.0 – 13.0 cm / 0.39 – 5.1 in	N/A
Depth of Field (Data Matrix: 10 mils)	1.0 – 13.0 cm / 0.39 – 5.1 in	2.5 – 18.0 cm
Motion Tolerance (inches per second)	25 IPS	N/A
Print Contrast	25%	N/A
Available Interfaces	USB, KBW, RS-232	USB, KBW, RS-232
Available Models	Multi interface	Multi-interface
Software Configuration	Aladdin™, Host Download / Remote Management ready	Easysset™ configuration software
User Feedback	Patented ‘Green Spot’ for good-read feedback, Beeper, LEDs	Beeper, LEDs
Aiming System	Two blue LED triangles pointing at cntr, soft dark red illumination	Single LED bar, white illumination
PHYSICAL CHARACTERISTICS		
Weight (scanner only)	145.0 g / 5.1 oz	125.0 g / 4.41 oz
Additional Features	Reduced visual stress aiming system	None
ENVIRONMENTAL		
Particulate and Water Sealing	IP42	IP30
Drop Resistance	1.5 m / 5.0 ft	1.2 m / 4.0 ft
ELECTRICAL / MIXED FEATURES		
Input Voltage	4.5 – 14.0 VDC	5.0 VDC
FACTORY WARRANTY	5 years	5 years

Datalogic Advantages

- Reading Performance
- Drop resistance and IP rating
- Illumination and aiming system
- Datalogic’s patented ‘Green Spot’ for good-read feedback

Competitor Weaknesses

- Robustness

Synopsis

In addition to Intermec’s SG20 imager having a higher price point, it also has a lower reading performance with poor product robustness when compared to the QuickScan QD2400 imager. There is not a single spec where the SG20 imager beats the QD2400 imager, while the QD2400 imager excels with feature performances that one would expect from a higher range of products.

