

Gryphon™ Desk 2D Plus D4X2

- Motorola DS6707
- Honeywell HHP IT4600r
- Honeywell Focus

Features

	Gryphon™ D4X2 Plus	Gryphon D4X2
		
Performance		
Depth-of-field (EAN 13 / 13 mils)	From 15 to 220 mm	From 65 to 245 mm
Depth-of-field (PDF417 / 10 mils)	From 5 to 220 mm	From 35 to 225 mm
Depth-of-field (Data Matrix / 10 mils)	From 15 to 140 mm	From 55 to 150 mm
Field of View (H x V)	40 x 26	22 x 17
Interfaces	USB, Wedge, RS-232, Wand, IBM 46xx, USB IBM	USB, Wedge, RS-232, Wand, IBM 46xx
Print Contrast	23%	23%
User Feedback	Green Spot, Beeper, LED's	Green Spot, Beeper, LED's
Aiming System	5 Laser Dots	5 Laser Dots
Physical Characteristics		
Weight	198 g / 7 oz	198 g / 7 oz
Operating Temperature	0 to 55 °C / 32 to 131 °F	0 to 50 °C / 32 to 122 °F
Drop Resistance	1.8 m / 5.9 ft	1.5 m / 4.9 ft
Environmental		
Particulate and Water Sealing	IP50	IP30
ESD Protection	16 kV (Air Discharge)	N/A
Electrical		
Power	IBM Interface: 4.75 to 24 VDC Standard Model: 4.75 to 5.25 VDC	Standard Model: 4.75 to 5.25 VDC
Operating Current	245 mA @ 5V	245 mA @ 5V
Factory Warranty	5 years	5 years

Synopsis:

- New sensor provides wider image capture area, better snappiness, motion tolerance and reading depth-of-field.
- New microprocessor enhances reading speed and redesigned optical chamber allows new durability and drop resistance.
- Enhanced IBM 46XX models with USB and host download complete the renewal.

All Gryphon D432 Plus advantages are making this product more suitable for all applications, especially where high throughput and enhanced motion tolerance specifications are required.

Features

	Gryphon™ D4X2 Plus	Motorola DS6707
		
Performance		
Depth-of-field (EAN 13 / 13 mils)	From 15 to 220 mm	From 13 to 246 mm
Depth-of-field (PDF417 / 10 mils)	From 5 to 220 mm	From 17 to 192 mm
Depth-of-field (Data Matrix / 10 mils)	From 15 to 140 mm	From 28 to 191 mm
Field of View (H x V)	40 x 26	43 x 34
Interfaces	USB, Wedge, RS-232, Wand, IBM 46xx, USB IBM	USB, Wedge, RS-232, Wand, IBM 46xx, TTL
Print Contrast	23%	25%
User Feedback	Green Spot, Beeper, LED's	Beeper, LED's
Aiming System	5 Laser Dots	Area with Laser
Physical Characteristics		
Weight	198 g / 7 oz	182 g / 6.4 oz
Operating Temperature	0 to 55 °C / 32 to 131 °F	N/A
Drop Resistance	1.8 m / 5.9 ft	1.8 m / 5.9 ft
Environmental		
Particulate and Water Sealing	IP50	IP43
ESD Protection (Air Discharge)	16 kV	N/A
Electrical		
Power	IBM Interface: 4.75 to 24 VDC Standard Model: 4.75 to 5.25 VDC	N/A
Operating Current	245 mA @ 5V	N/A
Factory Warranty	5 years	5 years

Datalogic Advantages:

- Depth-of-field on PDF417 bar codes, snappiness on PDF and Data Matrix bar codes
- Print contrast
- Green Spot reading feedback

Synopsis:

Reading snappiness with Data Matrix codes makes the Gryphon D4X2 more suitable for simple code reading performance applications (retail, document handling), which represents the most significant part of the 2D market.

Also, in a very similar performance/price situation like this, Datalogic's patented Green Spot 'reading feedback' remains a true value added feature to consider.

Features

	Gryphon™ D4X2 Plus	Honeywell HHP IT4600r
Performance		
Depth-of-field (EAN 13 / 13 mils)	From 15 to 220 mm	From 53 to 330 mm
Depth-of-field (PDF417 / 10 mils)	From 5 to 220 mm	From 79 to 226 mm
Depth-of-field (Data Matrix / 10 mils)	From 15 to 140 mm	N/A
Field of View (H x V)	40 x 26	40 x 26
Interfaces	USB, Wedge, RS-232, Wand, IBM 46xx, USB IBM	USB, Wedge, RS-232, Wand, IBM 46xx, Synapse
Print Contrast	23%	20%
User Feedback	Green Spot, Beeper, LED's	Beeper, LED's
Aiming System	5 Laser Dots	Green CCD Stripe
Physical Characteristics		
Weight	198 g / 7 oz	175 g / 6.17 oz
Operating Temperature	0 to 55 °C / 32 to 131 °F	N/A
Drop Resistance	1.8 m / 5.9 ft	1.8 m / 5.9 ft
Environmental		
Particulate and Water Sealing	IP50	IP41
ESD Protection (Air Discharge)	16 kV	N/A
Electrical		
Power	IBM Interface: 4.75 to 24 VDC Standard Model: 4.75 to 5.25 VDC	N/A
Operating Current	245 mA @ 5V	N/A
Factory Warranty	5 years	5 years

Datalogic Advantages:

- Depth-of-field and snappiness on PDF and Data Matrix bar codes.
- Scanning from close-up distances
- Green Spot reading feedback
- Aiming System.



Competitor Weaknesses:

- PDF417 reading field
- PDF417 reading snappiness

Synopsis:

- Using a similar sensor, the field-of-view is basically the same as well as depth-of-field but in this case, the Gryphon reads from close to zero distances.
- Gryphon is faster when reading PDF and 2D codes.
- Significant advantage for 'ease of use' when using the Gryphon and it has a more efficient aiming system with 'good read' feedback.

Features

	Gryphon™ D4X2 Plus	Honeywell Focus
		
Performance		
Depth-of-field (EAN 13 / 13 mils)	From 15 to 220 mm	From 0 to 230 mm
Depth-of-field (PDF417 / 10 mils)	From 5 to 220 mm	N/A
Depth-of-field (Data Matrix / 10 mils)	From 15 to 140 mm	N/A
Field of View (H x V)	40 x 26	49 x 19
Interfaces	USB, Wedge, RS-232, Wand, IBM 46xx, USB IBM	KBW, RS-232, USB, IBM
Print Contrast	23%	20%
User Feedback	Green Spot, Beeper, LED's	Beeper, LED's
Aiming System	5 Laser Dots	2 Red CCD Stripes
Physical Characteristics		
Weight	198 g / 7 oz	225 g / 7.94 oz
Operating Temperature	0 to 55 °C / 32 to 131 °F	N/A
Drop Resistance	1.8 m / 5.9 ft	1.5 / 4.92 ft
Environmental		
Particulate and Water Sealing	IP50	N/D
ESD Protection (Air Discharge)	16 kV	N/A
Electrical		
Power	IBM Interface: 4.75 to 24 VDC Standard Model: 4.75 to 5.25 VDC	N/A
Operating Current	245 mA @ 5V	N/A
Factory Warranty	5 years	5 years

Datalogic Advantages:

- Depth-of-field on PDF417 bar codes, overall snappiness, excellent field-of-view, motion tolerance
- Robustness, lightweight,
- Green Spot reading feedback
- Aiming System

Competitor Weaknesses:

- Reduced motion tolerance
- Reading snappiness on liner code reading
- Robustness

Synopsis:

- The Metro Focus is overwhelmed by the new Gryphon D4X2 Plus in almost all the most every category, with the exception of depth-of-field when reading linear bar codes.
- Field-of-view, PDF/2D depth-of-field, reading promptness, motion tolerance, robustness and even weight, aiming system and reading feedback are all better on the Gryphon D4X2 Plus.