



GRYPHON™ | GD4400-HC 2D

**GRYPHON™ I GD4400-HC 2D**

**MOTOROLA DS6707 HC**



**Features**

<b>PERFORMANCE</b>		
Frame Rate (2D)	60 frame/sec	30 frame/sec
Field-of-View (horizontal x vertical)	39° H x 25° V	40° H x 30° V
Depth-of-Field (EAN 13: 13 mils)	1.5 - 40.0 cm / 0.6 - 15.7 in	1.3 -24.6 cm / .5 - 9.7 in
Depth-of-Field (PDF417: 10 mils)	0.5 - 22.0 cm / 0.2 - 8.6 in	1.7 -19.2 cm / .6 - 7.5 in
Depth-of-Field (Data Matrix: 10 mils)	2.0 - 16.0 cm / 0.7 - 6.3 in	2.8 -19.1 cm / 1.1 in - 7.5 in
Max. Resolution: 1D Codes	4.0 mils	5.0 mils
Max. Resolution: 2D Codes	5.0 mils	10.0 mils
Motion Tolerance (centimeters/inches per second)	63.5 cm / 25.0 in	12.7 cm / 5.0 in
Print Contrast Ration (minimum)	25%	25%
<b>PHYSICAL CHARACTERISTICS</b>		
Dimensions	18.1 x 7.0 x 10.0 cm / 7.1 x 2.8 x 3.9 in	16.6 x 12.9 x 7.1 cm / 6.5 x 5.0 x 2.8 in
Weight	195.0 g / 6.9 oz	182.0 g / 6.4 oz
Aiming System	4 laser dots (corners) and center cross	Center cross with 4 corners
Enclosure	Disinfectant-Ready w/ Anti-Microbial Additives	Disinfectant-Ready
<b>ENVIRONMENTAL</b>		
Drop	1.8 m / 6.0 ft	1.8 m / 6.0 ft
Sealing	IP52	IP41
Operating Temperature	0 to 50 °C / 32 to 122 °F	0 to 50 °C / 32 to 122 °F
<b>ADDITIONAL FEATURES</b>		
SW Configuration	Aladdin™, Remote Host Download	N/A
Reading Indicators	Green Spot, Beeper, LEDs	N/A
<b>FACTORY WARRANTY</b>		
	5 years	5 years

**Datalogic Advantages:**

- Reading distance on linear codes; Deep red non-invasive/flicker illumination
- Standard range and High Density versions
- Datalogic's 'Green Spot' provides a visual good read feedback
- Datalogic's Motionix™ motion-sensing technology enable scanner to switch between handheld and stand mode automatically and seamlessly
- Disinfectant-Ready with Anti-Microbial additives provide further protection to the customer application environment
- Better motion tolerance; Ergonomic design and size
- Higher IP rating
- New and unique 'aiming system' which is very visible for users to use

**Competitor Weaknesses:**

- Flickering illumination causes user uneasiness
- Sluggish performance, especially on its' stand due to low motion tolerance

**Synopsis:**

The Gryphon™ I GD4400-HC 2D readers use the same enclosures and accessories as the Gryphon™ I GD4100-HC readers, which provide customers with a strong sense of product family identity. The distinctive features include a clearly defined center cross for aiming and a much less invasive illumination which makes the user feel more comfortable. Disinfectant-ready enclosures with Anti-Microbial additives help to reduce the spread of germs. Datalogic's Motionix™ motion-sensing technology enables automatic switching between handheld mode and stand mode and provides the customer with greater convenience when using the scanner in different applications. Datalogic's patented 'Green Spot' provides the user with audible and visual good read feedback, indicating a successful read has occurred. This is especially applicable when used in a quiet environment.

**Features**

**GRYPHON™ I GD4400-HC 2D**



**MOTOROLA DS4208 HC**



**PERFORMANCE**

Frame Rate (2D)	60 frame/sec	60 frames/sec
Field-of-View (horizontal x vertical)	39° H x 25° V	39° H x 25° V
Depth-of-Field (EAN 13: 13 mils)	1.5 - 40.0 cm / 0.6 – 15.7 in	0.8 -38.6 cm / 0.3 – 15.2 in
Depth-of-Field (PDF417: 10 mils)	0.5 - 22.0 cm / 0.2 - 8.6 in	1.5 -19 cm / 0.6 – 7.5 in
Depth-of-Field (Data Matrix: 10 mils)	2.0 - 16.0 cm / 0.7 – 6.3 in	1.0 -18.3 cm / 0.4 in - 7.2 in
Max. Resolution: 1D Codes	4.0 mils	5.0 mils
Max. Resolution: 2D Codes	5.0 mils	7.5 mils
Motion Tolerance (centimeters/inches per second)	63.5 cm / 25.0 in	250 cm / 100.0 in*
Print Contrast Ration (minimum)	25%	25%

**PHYSICAL CHARACTERISTICS**

Dimensions	18.1 x 7.0 x 10.0 cm / 7.1 x 2.8 x 3.9 in	17 x 9.3 x 6.8 cm / 6.7 x 3.7 x 2.7 in
Weight	195.0 g / 6.9 oz	172.9 g / 6.1 oz
Aiming System	4 laser dots (corners) and center cross	Center cross
Enclosure	Disinfectant-Ready w/ Anti-Microbial Additives	Disinfectant-Ready

**ENVIRONMENTAL**

Drop	1.8 m / 6.0 ft	1.8 m / 6.0 ft
Sealing	IP52	IP43
Operating Temperature	0 to 50 °C / 32 to 122 °F	0 to 40 °C / 32 to 104 °F

**ADDITIONAL FEATURES**

SW Configuration	Aladdin™, Remote Host Download	N/A
Reading Indicators	Green Spot, Beeper, LEDs	Beeper, LEDs

**FACTORY WARRANTY**

	5 years	5 years
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\* - specified at full illumination, measured on 100% UPC bar code 80% MRD at 4 inches distance

**Datalogic Advantages:**

- Deep red non-invasive/flicker illumination
- Standard range and High Density versions
- Datalogic's 'Green Spot' provides a visual good read feedback
- Datalogic's Motionix™ motion-sensing technology enable scanner to switch between handheld and stand mode automatically and seamlessly
- Disinfectant-Ready with Anti-Microbial additives provide further protection to the customer application environment
- Ergonomic design and size
- Higher IP rating
- New and unique 'aiming system' which is very visible for users to use



**Competitor Weaknesses:**

- Single model, no SR /HD options, or DL option as their previous scanner has
- Hard to position against it's own DS6707 product line, and using the same engine as the DS9808, but price significantly lower

**Synopsis:**

The Gryphon™ I GD4400-HC 2D readers use the same enclosures and accessories as the Gryphon™ I GD4100-HC readers, which provide customers with a strong sense of product family identity. The distinctive features include a clearly defined center cross for aiming and a much less invasive illumination which makes the user feel more comfortable. Disinfectant-ready enclosures with Anti-Microbial additives help to reduce the spread of germs. Datalogic's Motionix™ motion-sensing technology enables automatic switching between handheld mode and stand mode and provides the customer with greater convenience when using the scanner in different applications. Datalogic's patented 'Green Spot' provides the user with audible and visual good read feedback, indicating a successful read has occurred. This is especially applicable when used in a quiet environment.

**Features**

	<b>GRYPHON™ I GD4400-HC 2D</b>	<b>HONEYWELL XENON 1900-HC</b>
		

**PERFORMANCE**

Frame Rate (2D)	60 frame/sec	N/A
Field-of-View (horizontal x vertical)	39° H x 25° V	42.4° H x 33.0° V
Depth-of-Field (EAN 13: 13 mils)	1.5 - 40.0 cm / 0.6 - 15.7 in	1.3 - 32.3 cm / 0.5 - 12.7 in
Depth-of-Field (PDF417: 10 mils)	0.5 - 22.0 cm / 0.2 - 8.6 in	1.8 - 14.0 cm / 0.7 - 5.5 in
Depth-of-Field (Data Matrix: 10 mils)	2.0 - 16.0 cm / 0.7 - 6.3 in	1.8 - 14.0 cm / 0.7 - 5.5 in
Max. Resolution: 1D Codes	4.0 mils	5.0 mils
Max. Resolution: 2D Codes	5.0 mils	6.6 mils
Motion Tolerance (centimeters/inches per second)	63.5 cm / 25.0 in	610.0 cm / 240.0 in
Print Contrast Ration (minimum)	25%	20%

**PHYSICAL CHARACTERISTICS**

Dimensions	18.1 x 7.0 x 10.0 cm / 7.1 x 2.8 x 3.9 in	10.4 x 7.1 x 16.0 cm / 4.1 x 2.8 x 6.3 in
Weight	195.0 g / 6.9 oz	147.0 g / 5.2 oz
Aiming System	4 laser dots (corners) and center cross	Red bar
Enclosure	Disinfectant-Ready w/ Anti-Microbial Additives	Disinfectant-Ready

**ENVIRONMENTAL**

Drop	1.8 m / 6.0 ft	1.8 m / 6.0 ft
Sealing	IP52	IP41
Operating Temperature	0 to 50 °C / 32 to 122 °F	0 to 50 °C / 32 to 122 °F

**ADDITIONAL FEATURES**

SW Configuration	Aladdin™, Remote Host Download	N/A
Reading Indicators	Green Spot, Beeper, LEDs	N/A

**FACTORY WARRANTY**

	5 years	5 years
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**Datalogic Advantages:**

- Better depth-of-field (DOF) in reading 2D bar codes
- Option: integrated base is available
- Datalogic's Motionix™ motion-sensing technology enable scanner to switch between handheld mode and stand mode automatically and seamlessly
- Disinfectant-Ready with Anti-Microbial additives provide further protection to the customer application environment
- Datalogic's 'Green Spot' good read feedback
- New and unique 'aiming system' with non-invasive illumination

**Competitor Weaknesses:**

- Aiming system is not precise or accurate
- Cables are not compatible with HHP4600 or Focus models
- IP rating is quite low

**Synopsis:**

The Gryphon™ I GD4400-HC 2D readers use the same enclosures and accessories as the Gryphon™ I GD4100-HC readers, which provide customers with a strong sense of product family identity. The distinctive features include a clearly defined center cross for aiming and a much less invasive illumination which makes the user feel more comfortable. Disinfectant-ready enclosures with Anti-Microbial additives help to reduce the spread of germs. Datalogic's Motionix™ motion-sensing technology enables automatic switching between handheld mode and stand mode and provides the customer with greater convenience when using the scanner in different applications. Datalogic's patented 'Green Spot' provides the user with audible and visual good read feedback, indicating a successful read has occurred. This is especially applicable when used in a quiet environment.

**Features**

**GRYPHON™ I GD4400-HC 2D**



**CODE CORP CR1200**



**PERFORMANCE**

Frame Rate (2D)	60 frame/sec	30 frame/sec
Field-of-View (horizontal x vertical)	39° H x 25° V	43.5° H x 32° V
Depth-of-Field (EAN 13: 13 mils)	1.5 - 40.0 cm / 0.6 – 15.7 in	0.5 - 25.3 cm / .2 – 10.0 in
Depth-of-Field (PDF417: 10 mils)	0.5 - 22.0 cm / 0.2 - 8.6 in	N/A
Depth-of-Field (Data Matrix: 10 mils)	2.0 - 16.0 cm / 0.7 – 6.3 in	0.5 - 20.5 cm / .2 - 8.0 in
Max. Resolution: 1D Codes	4.0 mils	4.0 mils
Max. Resolution: 2D Codes	5.0 mils	6.6 mils
Motion Tolerance (centimeters/inches per second)	63.5 cm / 25.0 in	12.7 cm / 5.0 in
Print Contrast Ration (minimum)	25%	25%

**PHYSICAL CHARACTERISTICS**

Dimensions	18.1 x 7.0 x 10.0 cm / 7.1 x 2.8 x 3.9 in	18 x 11.4 x 6.3 cm / 7 x 4.5 x 2.5 in
Weight	195.0 g / 6.9 oz	181.0 g / 6.4 oz
Aiming System	4 laser dots (corners) and center cross	Flashing light
Enclosure	Disinfectant-Ready w/ Anti-Microbial Additives	N/A

**ENVIRONMENTAL**

Drop	1.8 m / 6.0 ft	1.8 m / 6.0 ft
Sealing	IP52	IP41
Operating Temperature	0 to 50 °C / 32 to 122 °F	0 to 50 °C / 32 to 122 °F

**ADDITIONAL FEATURES**

SW Configuration	Aladdin™, Remote Host Download	N/A
Reading Indicators	Green Spot, Beeper, LEDs	Vibration

**FACTORY WARRANTY**

	5 years	5 years
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**Datalogic Advantages:**

- Reading distance on linear codes
- Deep red non-invasive/flicker illumination
- Standard range and High Density versions
- Datalogic's 'Green Spot' good read feedback
- New and unique 'aiming system' which is very visible for users to use.
- Datalogic's patented Motionix™ motion sensing technology enable scanner to switch between HH and stand mode automatically and seamlessly
- Disinfectant-Ready with Anti-Microbial additives provide further protection to the customer application environment
- Deep red non-invasive/flicker illumination
- Ergonomic design and size
- Higher IP rating
- Disinfectant enclosure with anti-microbial additive

**Competitor Weaknesses:**

- Flickering illumination causes user uneasiness
- Sluggish performance, especially on its' stand due to low motion tolerance(Megapixel sensor instead of WVGA sensor)
- Bulky head

**Synopsis:**

The Gryphon™ I GD4400-HC 2D readers use the same enclosures and accessories as the Gryphon™ I GD4100-HC readers, which provide customers with a strong sense of product family identity. The distinctive features include a clearly defined center cross for aiming and a much less invasive illumination which makes the user feel more comfortable. Disinfectant-ready enclosures with Anti-Microbial additives help to reduce the spread of germs. Datalogic's Motionix™ motion-sensing technology enables automatic switching between handheld mode and stand mode and provides the customer with greater convenience when using the scanner in different applications. Datalogic's patented 'Green Spot' provides the user with audible and visual good read feedback, indicating a successful read has occurred. This is especially applicable when used in a quiet environment.