





<td>GOS</td>
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<td>Active area lengths</td>
<td>102-410 mm</td>
<td>102-819 mm</td>
<td>102-1024 mm</td>
<td>205-1638 mm</td>

<td>Number of pixels</td>
<td>512-2048</td>
<td>256-2048</td>
<td>128-1280</td>
<td>128-1024</td>

<td>Pixel Pitch</td>
<td>0.2 mm</td>
<td>0.4 mm</td>
<td>0.8 mm</td>
<td>1.6 mm</td>

<td>Pixel Height</td>
<td>0.3 mm</td>
<td>0.6 mm</td>
<td>0.8 mm</td>
<td>1.6 mm</td>

<td>Pixel Width</td>
<td>0.1 mm</td>
<td>0.3 mm</td>
<td>0.7 mm</td>
<td>1.4 mm</td>

<td>Max. Scanning Speed</td>
<td>12 m/mn <sup>(1)</sup></td>
<td>50 m/mn <sup>(1)</sup></td>
<td>170m/mn <sup>(1)</sup></td>
<td>300m/mn<sup> (1)</sup></td>

<tr>	<td>Min. Integration Time</td>	<td>1 ms</td>	<td>0.5 ms</td>	<td>0.25 ms</td>	<td>0.25 ms</td>
</tr>	<tr>	<td>Max Integration Time</td>	<td>20 ms</td>	<td>20 ms</td>	<td>20 ms</td>
</tr>	<tr>	<td>A/D Resolution</td>	<td>12-bits</td>	<td>12-bits</td>	<td>12-bits</td>
</tr>	<tr>	<td>Dynamic Range</td>	<td>&gt; 2000 <sup>(2)</sup></td>	<td>&gt; 2000 <sup>(2)</sup></td>	<td>&gt; 2000 <sup>(2)</sup></td>
</tr>	<tr>	<td>Data Digital Interface</td>	<td>12-bits <sup>(3)</sup></td>	<td>12-bits <sup>(3)</sup></td>	<td>12-bits <sup>(3)</sup></td>
</tr>	<tr>	<td>Power consumption</td>	<td>50 W max</td>	<td>50 W max</td>	<td>50 W max</td>
</tr>	<tr>	<td>Image acquisition interface</td>	<td>RS-422</td>	<td>RS-422</td>	<td>RS-422</td>

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        <td>RS-422</td>
    </tr>
    <tr>
        <td>Control interface</td>
        <td>USB 2.0</td>
        <td>USB 2.0</td>
        <td>USB 2.0</td>
        <td>USB 2.0</td>
    </tr>
</tbody>
</table>

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<i><u>Notes

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<ol>

- <li>Maximum speed is specified for active length up to 512 mm.</li>
- <li>Dynamic Range is defined as saturation signal/RMS noise, normal detector sensitivity.</li>
- <li>Digital interface has 16 RS-422 I/O lines for data, but user can select actual data to be 14,12,10 or 8 bits. The default value is 8 or 12 bits</li>
- <li>User can designate radiographic trigger outputs by specifying Window left, Window right and Threshold.</li>

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<b>Physical Dimensions:</b> &nbsp;    

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221, 223); background-color: rgb(255, 255, 204); width: 640px;">

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    <tbody>
        <tr>
            <td><b>Model</b></td>
            <td><b>Active Length</b></td>
            <td><b>Number of Pixels</b></td>
            <td><b>Length</b></td>
            <td><b>Width</b></td>
            <td><b>Height</b></td>
            <td><b>Weight</b></td>
        </tr>
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        <td>CDD048</td>
        <td>204mm</td>
        <td>256</td>
        <td>260mm</td>
        <td>130mm</td>
        <td>50mm</td>
        <td>4Kg</td>
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    <tr>
        <td>CDD068</td>
        <td>307mm</td>
        <td>384</td>
        <td>360mm</td>
        <td>130mm</td>
        <td>50mm</td>
        <td>6Kg</td>
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    <tr>
        <td>CDD098</td>
        <td>461mm</td>
        <td>576</td>
        <td>510mm</td>
        <td>130mm</td>
        <td>50mm</td>
        <td>9Kg</td>
    </tr>
    <tr>
        <td>CDD128</td>
        <td>614mm</td>
        <td>768</td>
        <td>660mm</td>
        <td>130mm</td>
        <td>50mm</td>
        <td>12Kg</td>
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<b>Enviromental Characteristics:</b>

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223); background-color: rgb(255, 255, 204); width: 640px;">
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        <td><b>Characteristic</b></td>
        <td><b>Specific characteristic</b></td>
        <td><b>Specification</b></td>
        <td><b>Notes</b></td>
    </tr>
    <tr>
        <td><b>Operational</b></td>
        <td><b>Ambient temperature</b></td>
        <td><b>0-40 C</b></td>
        <td><b></b></td>
    </tr>
    <tr>
        <td><b></b></td>
        <td><b>Relative humidity</b></td>
        <td><b>30-80 % (non condensing)</b></td>
        <td><b></b></td>
    </tr>
    <tr>
        <td><b>Storage</b></td>
        <td><b>Ambient temperature</b></td>
        <td><b>-10-50 C</b></td>
        <td><b></b></td>
    </tr>
    <tr>
        <td><b></b></td>
        <td><b>Relative humidity</b></td>
        <td><b>30-80 % (non condensing)</b></td>
        <td><b></b></td>
    </tr>
</tbody>
</table>

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<b>

Power Requirements:

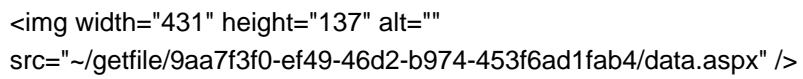
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    <tbody>
        <tr>
            <td><b>Supply voltage</b></td>
            <td><b>Maximum current</b></td>
        </tr>
    </tbody>

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	+&nbsp;5 volts	5.0 Amp
	+12 volts	1.0 Amp
	- 12 volts	0.2 Amp

**Ordering Information:**



**Options:**

- **R**      RS232 control interface

- **Bnn**      Output resolution (bits)