

<td>GOS</td>
<td>GOS</td>
<td>GOS</td>
<td>GOS</td>
</tr>
<tr>
<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>
</tr>
<tr>
<td>Number of pixels</td>
<td>512-2048</td>
<td>256-2048</td>
<td>128-1280</td>
<td>128-1024</td>
</tr>
<tr>
<td>Pixel Pitch</td>
<td>0.2 mm</td>
<td>0.4 mm</td>
<td>0.8 mm</td>
<td>1.6 mm</td>
</tr>
<tr>
<td>Pixel Height</td>
<td>0.3 mm</td>
<td>0.6 mm</td>
<td>0.8 mm</td>
<td>1.6 mm</td>
</tr>
<tr>
<td>Pixel Width</td>
<td>0.1 mm</td>
<td>0.3 mm</td>
<td>0.7 mm</td>
<td>1.4 mm</td>
</tr>
<tr>
<td>Max. Scanning Speed</td>
<td>12 m/mn ⁽¹⁾</td>
<td>50 m/mn ⁽¹⁾</td>
<td>170m/mn ⁽¹⁾</td>
<td>300m/mn⁽¹⁾</td>
</tr>

<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>> 2000 ⁽²⁾</td>	<td>> 2000 ⁽²⁾</td>	<td>> 2000 ⁽²⁾</td>
</tr>	<tr>	<td>Data Digital Interface</td>	<td>12-bits ⁽³⁾</td>	<td>12-bits ⁽³⁾</td>	<td>12-bits ⁽³⁾</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>
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</table>

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<u>Notes

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 Maximum speed is specified for active length up to 512 mm.
 Dynamic Range is defined as saturation signal/RMS noise, normal detector sensitivity.
 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
 User can designate radiographic trigger outputs by specifying Window left, Window right and Threshold.


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

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 <tbody>
 <tr>
 <td>Model</td>
 <td>Active Length</td>
 <td>Number of Pixels</td>
 <td>Length</td>
 <td>Width</td>
 <td>Height</td>
 <td>Weight</td>
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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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 <td>Characteristic</td>
 <td>Specific characteristic</td>
 <td>Specification</td>
 <td>Notes</td>
 </tr>
 <tr>
 <td>Operational</td>
 <td>Ambient temperature</td>
 <td>0-40 C</td>
 <td></td>
 </tr>
 <tr>
 <td></td>
 <td>Relative humidity</td>
 <td>30-80 % (non condensing)</td>
 <td></td>
 </tr>
 <tr>
 <td>Storage</td>
 <td>Ambient temperature</td>
 <td>-10-50 C</td>
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 </tr>
 <tr>
 <td></td>
 <td>Relative humidity</td>
 <td>30-80 % (non condensing)</td>
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 </tr>
</tbody>
</table>

```

<b>

Power Requirements:

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

