

	Cellavista® RS Basic	Cellavista® RS HighEnd	NyONE® BF	NyONE® FL	NyONE® HighEnd
<b>Imaging speed</b>	2 min. for entire 96 well plate @ 2 µm/pixel	2 min. for entire 96 well plate @ 2 µm/pixel	4 min. for entire 96 well plate @ 2 µm/pixel	4 min. for entire 96 well plate @ 2 µm/pixel	4 min. for entire 96 well plate @ 2 µm/pixel
<b>Resolution</b>	2 µm/pixel @ 4x 0.9 µm/pixel @ 10x	3.3 µm/pixel @ 2x 2 µm/pixel @ 4x 0.9 µm/pixel @ 10x 0.53 µm/pixel @ 20x 0.35 µm/pixel @ 40x	2 µm/pixel @ 4x	2 µm/pixel @ 4x	2 µm/pixel @ 4x 0.9 µm/pixel @ 10x 0.53 µm/pixel @ 20x
<b>Whole well imaging</b>	Yes	Yes	Yes	Yes	Yes
<b>Plate types</b>	SBS plate format, dishes and microscope slides	SBS plate format, dishes and microscope slides	SBS plate format, dishes and microscope slides	SBS plate format, dishes and microscope slides	SBS plate format, dishes and microscope slides
<b>Illumination/Fluorescence</b>	White light	White light and 6 fluorescence excitation/emission channels	White light	White light and 3 fluorescence excitation sources, up to 6 fluorescence emission channels	White light and 3 fluorescence excitation sources, up to 6 fluorescence emission channels
<b>Temp-controlled</b>	Possible	Possible	No	No	No
<b>Barcode reader</b>	Add-on	Add-on	Add-on	Add-on	Add-on
<b>Software I face for automation</b>	Yes	Yes	Yes	Yes	Yes
<b>Batch processing interface</b>	Yes	Yes	Yes	Yes	Yes
<b>Applications</b>	<ul style="list-style-type: none"> <li>• Single Cell Cloning</li> <li>• Confluence monitoring</li> <li>• Trypan Blue viability monitoring</li> <li>• Wound healing</li> <li>• Stem Cells on feeder layer</li> <li>• Cell Cluster</li> </ul>	<ul style="list-style-type: none"> <li>• Single Cell Cloning</li> <li>• Confluence monitoring</li> <li>• Trypan Blue viability monitoring</li> <li>• Wound healing</li> <li>• Stem Cells on feeder layer</li> <li>• Cell Cluster</li> <li>• Apoptosis testing</li> <li>• Transfection Efficiency</li> <li>• FASCC</li> <li>• Antibody binding studies</li> <li>• Cancer reasearch</li> <li>• CD-Marker</li> <li>• Viral Transduction</li> </ul>	<ul style="list-style-type: none"> <li>• Single Cell Cloning</li> <li>• Confluence monitoring</li> <li>• Trypan Blue viability monitoring</li> <li>• Wound healing</li> <li>• Stem Cells on feeder layer</li> <li>• Cell Cluster</li> </ul>	<ul style="list-style-type: none"> <li>• Single Cell Cloning</li> <li>• Confluence monitoring</li> <li>• Trypan Blue viability monitoring</li> <li>• Wound healing</li> <li>• Stem Cells on feeder layer</li> <li>• Cell Cluster</li> <li>• Apoptosis testing</li> <li>• Transfection Efficiency</li> <li>• Antibody binding studies</li> <li>• Cancer reasearch</li> <li>• CD-Marker</li> <li>• Viral Transduction</li> </ul>	<ul style="list-style-type: none"> <li>• Single Cell Cloning</li> <li>• Confluence monitoring</li> <li>• Trypan Blue viability monitoring</li> <li>• Wound healing</li> <li>• Stem Cells on feeder layer</li> <li>• Cell Cluster</li> <li>• Apoptosis testing</li> <li>• Transfection Efficiency</li> <li>• FASCC</li> <li>• Antibody binding studies</li> <li>• Cancer reasearch</li> <li>• CD-Marker</li> <li>• Viral Transduction</li> </ul>

