<table>
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<th>Key Features</th>
<th>Strengths &amp; Applications</th>
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| **Wide field of view (FOV)** 21mm | Capture more data in a single image, quantitative data extraction without compromising speed and throughput  
(Good for whole specimen scanning) |
| **Single chip color CMOS (pixel shifting) camera** | High resolution: 5760 x 3600 (pixel shifting, 3-CMOS mode)  
High speed: 60 fps at 1920 x 1200 pixels  
(Good for pathological imaging and in-vitro studies such as senescence beta galactosidase staining, trypan blue assay and spheroid assay) |
| **Manual panoramic imaging** | Large image stitching  
(Good for whole specimen scanning) |
| **Motorized stage** | Constant speed of stage movement  
(Suitable for panoramic imaging) |
| **High power LED fluorescence excitation** | 3 bands (400 nm/470 nm/575 nm)  
(Suitable for multispectral acquisition from 375-700 nm, e.g. DAPI/CFP/Aqua/FITC/TRITC/TxRed, Cy5) |
| **LED intensity** | Intensity of each LED can be individually controlled  
(Reduces photobleaching: good for live cell imaging or weak signal sample) |
| **Objective lenses** (Wide range of choices) | 5x/0.15; 10x/0.45 Ph1; 20x/0.4 LD Ph2; 20x/0.8 Ph2; 40x/0.6 Ph2  
(Large variety of sample magnification is available) |
| **Multiple sample holders** | Compatible with 35/50/60mm dish, glass slide, multi-well plate |
| **Operation software** | cellSens Standard |