

Key Features	Strengths & Applications
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