



DIGITAL VIDEO MICROSCOPE

Research Microscope with 9" LED Display

DVM - 02

MAIN SPECIFICATIONS

VIEWING HEAD: Compensation free Trinocular Head inclined at 45°, Interpupillary Distance: 55-75 mm

EYEPIECE (OCULAR): 10X (paired), field of view : 20mm

Objective : Achromatic : 4X, 10X, 40X, 100X

Nosepiece : Quadruple nosepiece with positive click stops moving on balls

Focussing System : Co-axia Coarse and Fine Focusing System. Sensitivity and Graduation of Fine Focus : 0.004mm, Range : 24mm

CONDENSOR: Abbe N.A. 1.2

STAGE: Double Layer Mechanical Stage, Area: 132X142mm, Movement Range : 75X40mm

LAMP HOUSE: Halogen Lamp 6V,20W or LED Lamp 3W

CAMERA SPECIFICATION

IMAGE SENSOR: 1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor

VALID PIXEL: 2592H × 1944V

PIXEL SIZE: 2.2um x 2.2um

DYNAMIC RANGE: 66.5dB

RESOLUTION & FRAME FREQ.: Frame Rate -1280×720 15 f/s:640×480 30f/s

S/N RATIO: 40.5dB

SENSITIVITY: 0.53V/lux-sec(550nm)

TABLET SPECIFICATION

LED SIZE: 9.7inch 1024*768 IPS LCD

RAM: 1GB DDR3 RAM

ROM: 2GB Internal Memory, External SD Memory Card, Maximum Capacity Up to 32GB

BANDING SOFTWARE: Build-in Microscopy Software (Measuring and Particle Analysis)

POWER: DC5V Power

OPERATING SYSTEM: Android 4.2.2

OUTPUT: HDMI Output, SD Card Support, Bluetooth

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

