

Quotation/ Tender Notice

Competitive Quotations/Tenders are invited from the bidders for the purchase of stereo Microscope, for the Department of Zoology, University of Kerala, Kariavattom, Tvm, pin-695581, As per the Technical specifications mentioned. Please forward the tenders with necessary details on or before 5pm on 17/01/2019 to the Dr.Sreejith.P, Assistant Professor, Department of Zoology, University of Kerala, Kariavattom

Technical Specifications

Optical System - Greenough/Galilean

Magnification - 6:1, Zoom

Zoom Objective - 0.8×-5×, with click stops at 1x, 2x, 3x, 4x and 5x

Eyepieces - WF 10x/22mm

Diopter Correction - ±5 diopters

IPD - 50-100 mm

Maximum Specimen Height - 1.4" (35 mm)

Working distance – 110mm

Base Size - 290X 245X60mm

Magnification Range - 8x to 100x

Illumination bottom 3.5V/1W LED light, light adjustable separately

Object field diameter - 4.4 to 27.50 mm

Eye guards - Foldable

Auxiliary Objectives - 0.5x, 1.5x, 2x

Reticules - For length measurement & counting

Warranty– 2year

Battery Backup – 1 hour

Acrylic HumidificationChamber

Camera specification

Sensor - 2.38 MP IMX236 (C)

Sensor Size - 1/2.8" (5.5x3.4)

Pixel Size - 2.8 x 2.8 um

FPS/Resolution - 60/1920X1080 (HDMI)30/1920X1080 (USB)

Capture Resolution- 2.36 MP (1980x1080) in HDMI Mode

Operating Temperature - 10~ 50(in Cent degree)

Storage Temperature - -20~ 60 (in Cent degree)

Operating Humidity - 30~80%RH

Storage Humidity - 10~60%RH

Power Supply - DC 12V/1A Adaptor

System specification

Processor; I-3 or better

OS- Win 10 Pro/ Win 8 Pro/ Win 8.1/Win & Pro 64 bit

UI Operation: With USB Mouse

Image Capture: High Speed in SD Card

Video Record: 1080P 30fps in SD Card

HDD- 1TB

Graphics Card-1 GB Separate

Recording System: Still Picture or Movie (USB)

Capture/Control AP: Standard UVC for Windows/Linux/Mac(USB)

PC Requirements: PC Requirements

CPU: Equal to Intel

Core2 duo 2.5 GHz or Higher,

Memory: 4GBor More

Wifi receiver,

Display: 19" LED orLarger,

Key board, Mouse, Optical Drive, CD-RO