

ALMICRO[®]

Digital Video Microscope Model : 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
FOCUSING SYSTEM	Co-axial 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 SPECIFICATIONS

IMAGE SENSOR	1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor
VALID PIXEL	2592H x 1944V
PIXEL SIZE	2.2um x 2.2um
DYNAMIC RANGE	66.5dB
RESOLUTION & FRAME FREQ.	Frame Rate -1280x720 15 f/s:640x480 30f/s
S/N RATIO	40.5dB
SENSITIVITY	0.53V/lux-sec(550nm)

TABLET SPECIFICATIONS

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



C MOUNT, HIGH RESOLUTION 5MP
1/2.5-INCH CMOS SENSOR



9.7INCH PAD ANDROID,
DIGITAL MICROSCOPE CAMERA,
SCREEN RESOLUTION 1024*768

ALMICRO[®]

Digital Video Microscope Model : DVM-02 PLUS



MICROSCOPE SPECIFICATIONS

Head	Trinocular Head Inclined at 30°, 360° Rotatable, Interpupillary Distance 54~75 mm, Diopter Adjustable ± 5 On Left Tube
Eyeiece	Wide Field Eyeiece WF10X/18mm
Objective	Achromatic Objectives 4X 10X 40Xs 100Xs(oil)
Nosepiece	Quadruple Nosepiece
Condenser	Abbe Condenser N.A. 1.25 With Iris Diaphragm And Filter Holder
Focusing System	Coaxial Coarse and Fine Adjustments, Fine Division 0.002mm, Coarse Stroke 36mm Supplied With An Adjustable Rack Stop To Prevent Damage To Sample And Objectives, The Coarse Adjustment Are Equipped With Friction Control
Stage	Double Layer Mechanical Stage 110X125mm, Moving Range 30X75mm
Illumination	3W LED, Brightness Adjustable, Powered By Outlet 110-240V Adapter
Adapter	Eyeiece Tube Adapter

CAMERA SPECIFICATIONS

IMAGE SENSOR	1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor
VALID PIXEL	2592H x 1944V
PIXEL SIZE	2.2um x 2.2um
DYNAMIC RANGE	66.5dB
RESOLUTION & FRAME FREQ.	Frame Rate -1280x720 15 f/s;640x480 30f/s
S/N RATIO	40.5dB
SENSITIVITY	0.53V/lux-sec(550nm)



C MOUNT, HIGH RESOLUTION 5MP
1/2.5-INCH CMOS SENSOR

TABLET SPECIFICATIONS

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



9.7INCH PAD ANDROID,
DIGITAL MICROSCOPE CAMERA,
SCREEN RESOLUTION 1024*768

ALMICRO[®]

Digital Video Microscope Model : DVM-03



MAIN SPECIFICATIONS

VIEWING HEAD	Trinocular Head Inclined at 30°, 360° Rotatable, Interpupillary Distance 54~75 mm, Diopter Adjustable ± 5 On Left Tube
EYEPIECE (OCULAR)	Wide Field Eyepiece WF10X/18mm
OBJECTIVE	Achromatic Objectives 4X 10X 40Xs 100Xs(oil)
NOSEPIECE	Quadruple Nosepiece
FOCUSING SYSTEM	Coaxial Coarse and Fine Adjustments, Fine Division 0.002mm, Coarse Stroke 36mm Supplied With An Adjustable Rack Stop To Prevent Damage To Sample And Objectives, The Coarse Adjustment Are Equipped With Friction Control
CONDENSOR	Abbe Condenser N.A. 1.25 With Iris Diaphragm And Filter Holder
STAGE	Double Layer Mechanical Stage 110X125mm, Moving Range 30X75mm
LAMP HOUSE	3W LED, Brightness Adjustable, Powered By Outlet 110-240V Adapter

CAMERA SPECIFICATIONS

IMAGE SENSOR	1/3" (4:3), 5 Mega Pixel Color CMOS Sensor
VALID PIXEL	2592H x 1944V
PIXEL SIZE	2.75 x 2.75 μ m
DYNAMIC RANGE	66.5dB
RESOLUTION & FRAME FREQ.	Frame Rate - 1024 x 600@30FPS
S/N RATIO	40.5dB
SENSITIVITY	0.53V/lux-sec(550nm)

TABLET SPECIFICATIONS

LED SIZE	9inch 1024*768 IPS LCD
RAM	1GB DDR3 RAM
POWER	DC5V Power
SYSTEM CONNECTIVITY	PC Connect through software
OUTPUT	USB Output to PC and Mouse Support

