

DOM3000D-4K Technical Data

Microscope System	
Eyepieces	10X/22B (Aperture:18mm)
Binoculars	0~210° inclinable extended tube
PD adjustable range	55mm~75mm
Diopter Range	±7D
Magnifications	DOM3000D-4K: 3.6X~23.3X
Total magnification rate(*)	DOM3000D-4K: ZOOM
Objective Lens	WD180-460mm
Diameter of FOV(*)	DOM3000D-4K: 65 mm
Illumination System	
Light source	LED module, variable brightness, over 60,000h lifespan
Minimum illumination intensity (f=250)	>80,000lx
Diameter of illumination spot	85mm
Filter	Orange, Green
Color temperature	6500k close to natural light, true color
Support System	
Standard base	Mobile base (white/black)
Swing arm	Radius gyration: 460mm, 360° rotation
Microscope arm	Radius gyration:700mm, ±160° rotation, up & down ±315mm
Longest arm reach	1390mm
Dimension of base	730mm X 730mm or 516*516mm
Net weight	120kg
Electric System	
Input power	AC100-250V, 50/60Hz
Light source max consumption	20VA
Total consumption	70VA
Fuse	220V: T1.0AL 250V / 110V: T2.0AL 125V
Image System	
Video resolution	3840x2160 (4K, The effective number of pixels is 4 times that of 1080P)
Video frame rate	30fps@4K
Resolution of static image	4000x3000
Control Method	one-key video recording and camera parameter setting for wireless remote control, mobile phone, tablet computer, foot pedal, small buttons etc.
Storage media	TF card (maximum supporting 128G)
Working mode	Single shot, video, continuous shot, time-lapse shot
Additional features (optional)	Support the personalized Settings of camera parameters, RAW format photo storage; multi - point image transmission and receiving function

