OME Core vs. 4DN-BINA-OME Basic Extension uminationWavelength Microscope HARDWARE Specifications PeakWavelength IlluminationPower PeakWavelength WavelenghtProfileFile [Sub-Element] Filament D (LightSourceID) GenericExcitationSource MicroscopeStand-AF MapAnnotation [Sub-Element] PeakWavelength Laser WavelenghtProfileFile [Sub-Element] RepetitionRate ProjectionAngle EnvironmentControl FrequencyMultiplication luminationWavelen MicroscopeTable (PockelCell) CO2Control PeakWavelength O2Control VibrationControl WavelenghtProfileFile [Sub-Element] Acousto-OpticalDeviceRef MinTemperature **TemperatureAccuracy** MultiLaserEngine WavelenghtProfileFile [Sub-Element] LightSource-APE SingleMode NumberOfLasers TemperatureControlled AnnotationRef FilterRef AnnotationRef MultiportSwitchTime **Children Entities** Children Entitie Laser [Sub-Element] ID (FilterD) (choose one (choose on LensRef Children Entities (choose one) Positioning-APE MechanicalStage XYMaxVelocity LightSourceCoupling-API LightGuide XYRepetability _____ | XTravelRange Motorized ID (MirroringDeviceID) PiezoelectricStage ZMaxVelocity | Refractive Index ZRepetability ZTravelRange NumericalAperture Transmittance XYSettlingTime | CouplingLensRef AcceptanceAngle AnnotationRef MovementAxes Geometry XYPositionLinearityError ID (OpticalApertureID) BuiltIn MaterialName Children Entities _____ **ZReproducibility** OpticsHolderRef (choose one) ZSettlingTime WaveguideMode Objective Diameter ZPositionLinearityError ______ ObjectiveTurret FreeBeam PolarizationOpticsRef ZDrive ImmersionType RotationAngle Focusing Correction DirectMount ID (FilterID) ID (PolarizationOpticsID) ID (FilterID) MountType Magnification CalibratedMagnification IndividualObjective **FocusStabilizationDevice** PrismRef Focusing WorkingDistance AcquisitionSoftware ID (PrismID) Children Entities AnnotationRef PiezoElectric (boolean) (extends Software) (choose on Mechanism ExcitationFilterRef LightType TwoStep BeamExpander ID (FilterID) Wavelength ContrastModulation AnnotationRef PhaseContrastType WebsiteURL CorrectionCollar PrimaryPublicationID __________ Collimator orrectionCollarType ID (MirroringDeviceID) ntFocalLength Condenser EmissionFilterRef ackFocalLenght ReleaseDate ParfocalizingDistance Launguage ID (FilterID) AnnotationRef Instrument ExcitationFilterRef MicroscopeTube MechanicalLength AnnotationRef StandardDichroicRef Ildren Entities (choose one) OpticalAperture-APE ID (MirroringDeviceID) ManufacturerSpec (extension base EmissionFilterRef DarkFieldStop AnnotationRef Children Entities (choose one) Manufacturer CenterStopDiameter OpticsHolderPosition _____ FilterCube FilterCubeRef ID (FilterCubeID) Design SpecsFile OpticsHolderPosition | IrisDiaphragm | FilterCubeRef FilterSlider ID (FilterCubeID) MapAnnotation MaxApertureDiameter ID (FilterID) Information PhaseRing ExcitationFilterRef FilterCubeTurret Namespace PhaseNumber ID (FilterID) Annotator (ExperimenterID) CenterStopDiameter AnnotationRef NrOfSlots SlitWidth FilterWheel StandardDichroicRef MirroringDeviceRef FilterCube Description (AnnotationRef VarelRing ID (MirroringDeviceID) ID (MirroringDeviceID) A description for the annotation OpticsTurret [plain-text multi-line string] EmissionFilterRef LensRef Shutter AnnotationRef ID (LensID) _____ Lens-APE Function Lenght ID (AnnotationID) PolarizationOpticsRef ResponseTime Children Entities (choose one) Motorized ID (PrismID) Value MaxApertureDiameter ID (PolarizationOpticsID) Multimode ExcitationFilter Magnification FilterHolderPosition (was FilterWheel) OpticalApertureRef AnnotationRef RefractiveIndex Children Entitie ID (OpticalApertureID) EmissionFilter WorkingDistance Name (choose on CoatingMethod LightPathLocation Composite TransmittanceRange Geometry MagnificationChange NeutralDensityFilter AttenuationCoefficient AttenuationCoefficient (deprecated: CutIn, CutOut, ImageDistance CutInTolerance, CutOutTolerance) ObjectDistance Transmittance FrontFocalLength Absorbance AdditionalLens | AngleOfIncidence BackFocalLenght Wavelenght AdditionalFilter Polarization [Sub-Element] FWHMBandwidth ID (FilterID) RadiusOfCurvature BeamExpanderLens TransmittanceRange MaterialName Coating Wavelenght GlassCode (was Dichroic) Children Entities (choose one) **FWHMBandwidth** CollimatorLens Density Transmittance AnnotationRef ------ReflectanceRange ReflectingMirror AnnotationRef Prism CondenserLens Wavelenght ---ReflectanceProfileFile [Sub-Element] MirrorType FWHMBandwidth Diameter Reflectance AngleOfIncidence CouplingLens Children Entities Geometry RadiusOfCurvature (choose one ID (FilterID) Condenser Transmittance | SubstrateType OilObjective TransmissionAngle RelayLens SubstrateMaterial Compound StandardDichroic GlassCode RefractiveIndex TransmittanceProfileFile [Sub-Element] Reflectance ReflectanceProfileFile [Sub-Element] AngleOfIncidence TubeLens DeviationAngle Dichroic-APE Detector-APE AdditionalDichroic ID (FilterID) PrismAngle (was Detector) CoatingMethod LightPathLocation MaterialName GlassCode WavelengthRange **Children Entities** FilterHolderPosition AnnotationRef Technology PeakWavelength (additional attributes removed (choose one AnnotationRef AttenuationCoefficient or moved to new Detector Settings AttenuationMethod or Laser Scanner classes) PolarizationOptics WavelenghtProfileFile [Sub-Element] AnalogVideo TransmittanceProfileFile [Sub-Element] Mount | ReflectanceProfileFile [Sub-Element] MaxBitDepth CCD WavelengthRange QuantumEfficiency (______ CrossPolarizer ElectronConversionFactor BeamSplitter ReadOutNoise PeakWavelength Children Entities (choose one) CCDArchitecture **— — FaradayIsolator** DetectorNoiseModel RegisterWellCapacity DarkCurrentRate Construction WavelenghtProfileFile [Sub-Element] CMOS Camera-APE AmbientOperatingTemperature | AmbientOperatingHumidity | RelayLensRef Fabrication Retardation MaterialName ArrayHeight GlassCode _____ PixelWidth Intensified AnnotationRef IS-A PixelHeight Illumination ManufacturerOffset WavelengthRange IntensifierType RegisterWellCapacity PixelWellCapacity PeakWavelength MaximumFrameRate MaximumReadoutRate Children entities (choose one VerticalClockSpeed WavelenghtProfileFile [Sub-Element] (______ PhotomultiplierTube PointDetector-APE CollectionEfficiency Multianode SignalProcessing MultianodeChannelNr ResponseTime MultianodeArrangement DeadTime RadiantSensitivity PhotoDiode _____ GenericDetector MapAnnotation [Sub-Element] HybridPhotoDetector ID (FilterID)

OME Core vs. 4DN-BINA-OME Basic Extension Image ACQUISITION Settings



