

ASCOM Interface Revisions

Key:	Member present	Member absent from this interface
	Deprecated in some way, see member interface description	Requirements revised, see member interface description

Camera					
Member	Platform 7 - 2024	Platform 6.5 - 2020	Platform 6.3 - 2017	Platform 6 - 2011	Platform 5 - 2008
	ICameraV4	ICameraV3	ICameraV2	ICameraV2	ICamera
AbortExposure					Introduced
Action				Introduced	Absent
BayerOffsetX				Introduced	Absent
BayerOffsetY				Introduced	Absent
BinX					Introduced
BinY					Introduced
CameraState					Introduced
CameraXSize					Introduced
CameraYSize					Introduced
CanAbortExposure					Introduced
CanAsymmetricBin					Introduced
CanFastReadout				Introduced	Absent
CanGetCoolerPower					Introduced
CanPulseGuide					Introduced
CanSetCCDTemperature					Introduced
CanStopExposure					Introduced
CCDTemperature					Introduced
CommandBlind	Deprecated			Introduced	Absent
CommandBool	Deprecated			Introduced	Absent
CommandString	Deprecated			Introduced	Absent
Connect	Introduced	Absent	Absent	Absent	Absent
Connected	Revised				Introduced
Connecting		Absent	Absent	Absent	Absent
CoolerOn					Introduced
CoolerPower					Introduced
Description					Introduced
DeviceState	Introduced	Absent	Absent	Absent	Absent
Disconnect	Introduced	Absent	Absent	Absent	Absent
Dispose				Introduced	Absent
DriverInfo				Introduced	Absent
DriverVersion				Introduced	Absent
ElectronsPerADU					Introduced
ExposureMax		Introduced	Absent	Absent	Absent
ExposureMin		Introduced	Absent	Absent	Absent
ExposureResolution		Introduced	Absent	Absent	Absent
FastReadout		Introduced	Absent	Absent	Absent
FullWellCapacity					Introduced
Gain				Introduced	Absent
GainMax				Introduced	Absent
GainMin				Introduced	Absent
Gains				Introduced	Absent
HasShutter					Introduced
HeatSinkTemperature					Introduced
ImageArray					Introduced
ImageArrayVariant					Introduced
ImageReady					Introduced
InterfaceVersion					Absent
IsPulseGuiding					Introduced
LastError	Removed from interface				Introduced
LastExposureDuration					Introduced
LastExposureStartTime			Revised		Introduced
MaxADU					Introduced
MaxBinX					Introduced
MaxBinY					Introduced
Name				Introduced	Absent
NumX					Introduced
NumY					Introduced
PercentCompleted				Introduced	Absent
PixelSizeX					Introduced
PixelSizeY					Introduced
PulseGuide					Introduced
ReadoutMode				Introduced	Absent
ReadoutModes				Introduced	Absent
SensorName				Introduced	Absent
SensorType				Introduced	Absent
SetCCDTemperature					Introduced
SetupDialog					Introduced
StartExposure					Introduced
StartX					Introduced
StartY					Introduced
StopExposure					Introduced
SubExposureDuration		Introduced	Absent	Absent	Absent
SupportedActions				Introduced	Absent

CoverCalibrator		
Member	Platform 7 - 2024	Platform 6.5 - 2020
	ICoverCalibratorV2	ICoverCalibratorV1
Action		Introduced
Brightness		Introduced
CalibratorChanging	Introduced	Absent
CalibratorOff		Introduced
CalibratorOn		Introduced
CalibratorState		Introduced
CloseCover		Introduced
CommandBlind	Deprecated	Introduced
CommandBool	Deprecated	Introduced
CommandString	Deprecated	Introduced
Connect	Introduced	Absent
Connected	Revised	Introduced
Connecting	Introduced	Absent
CoverMoving	Introduced	Absent
CoverState		Introduced
Description		Introduced
DeviceState	Introduced	Absent
Disconnect	Introduced	Absent
Dispose		Introduced
DriverInfo		Introduced
DriverVersion		Introduced
HaltCover		Introduced
InterfaceVersion		Introduced
MaxBrightness		Introduced
Name		Introduced
OpenCover		Introduced
SetupDialog		Introduced
SupportedActions		Introduced

Dome			
Member	Platform 7 - 2024	Platform 6 - 2011	Platform 3 - 2003
	IDomeV3	IDomeV2	IDome
AbortSlew	Revised		Introduced
Action		Introduced	Absent
Altitude			Introduced
AtHome			Introduced
AtPark			Introduced
Azimuth			Introduced
CanFindHome			Introduced
CanPark			Introduced
CanSetAltitude			Introduced
CanSetAzimuth			Introduced
CanSetPark			Introduced
CanSetShutter			Introduced
CanSlave			Introduced
CanSyncAzimuth			Introduced
CloseShutter			Introduced
CommandBlind	Deprecated		Introduced
CommandBool	Deprecated		Introduced
CommandString	Deprecated		Introduced
Connect	Introduced	Absent	Absent
Connected	Revised		Introduced
Connecting		Absent	Absent
Description			Introduced
DeviceState		Absent	Absent
Disconnect		Absent	Absent
Dispose			Absent
DriverInfo			Introduced
DriverVersion			Introduced
FindHome			Introduced
InterfaceVersion			Introduced
Name			Introduced
OpenShutter			Introduced
Park			Introduced
SetPark			Introduced
SetupDialog			Introduced
ShutterStatus			Introduced
Slaved			Introduced
Stewing			Introduced
SlewToAltitude			Introduced
SlewToAzimuth			Introduced
SupportedActions			Absent
SyncToAzimuth			Introduced

FilerWheel			
Member	Platform 7 - 2024	Platform 6 - 2011	Platform 5 - 2008
	IFilterWheelV3	IFilterWheelV2	IFilterWheel
Action		Introduced	Absent
CommandBlind	Deprecated	Introduced	Absent
CommandBool	Deprecated	Introduced	Absent
CommandString	Deprecated	Introduced	Absent
Connect	Introduced	Absent	Absent
Connected	Revised		Introduced
Connecting		Absent	Absent
Description		Introduced	Absent
DeviceState		Absent	Absent
Disconnect		Absent	Absent
Dispose		Introduced	Absent
DriverInfo		Introduced	Absent
DriverVersion		Introduced	Absent
FocusOffsets			Introduced
InterfaceVersion		Introduced	Absent
Name		Introduced	Absent
Names			Introduced
Position			Introduced
SetupDialog			Introduced
SupportedActions		Introduced	Absent

Focuser				
Member	Platform 7 - 2024	Platform 6.4 - 2018	Platform 6 - 2011	Platform 2 - 2002
	IFocuserV4	IFocuserV3	IFocuserV2	IFocuser
Absolute				Introduced
Action			Introduced	Absent
CommandBlind	Deprecated		Introduced	Absent
CommandBool	Deprecated		Introduced	Absent
CommandString	Deprecated		Introduced	Absent
Connect		Absent	Absent	Absent
Connected	Revised		Introduced	Absent
Connecting		Absent	Absent	Absent
Description			Introduced	Absent
DeviceState		Absent	Absent	Absent
Disconnect		Absent	Absent	Absent
Dispose			Introduced	Absent
DriverInfo			Introduced	Absent
DriverVersion			Introduced	Absent
Halt				Introduced
InterfaceVersion			Introduced	Absent
IsMoving				Introduced
Link	Deprecated	Deprecated	Deprecated	Introduced
MaxIncrement				Introduced
MaxStep				Introduced
Move		Revised		Introduced
Name			Introduced	Absent
Position				Introduced
SetupDialog				Introduced
StepSize				Introduced
SupportedActions			Introduced	Absent
TempComp				Introduced
TempCompAvailable				Introduced
Temperature				Introduced

ObservingConditions		
Member	Platform 7 - 2024	Platform 6.2 - 2015
	IObservingConditionsV2	IObservingConditions
Action		Introduced
AveragePeriod		Introduced
CloudCover		Introduced
CommandBlind	Deprecated	Introduced
CommandBool	Deprecated	Introduced
CommandString	Deprecated	Introduced
Connect	Introduced	Absent
Connected	Revised	Introduced
Connecting	Introduced	Absent
Description		Introduced
DeviceState	Introduced	Absent
DewPoint		Introduced
Disconnect	Introduced	Absent
Dispose		Introduced
DriverInfo		Introduced
DriverVersion		Introduced
Humidity		Introduced
InterfaceVersion		Introduced
Name		Introduced
Pressure		Introduced
RainRate		Introduced
Refresh		Introduced
SensorDescription		Introduced
SetupDialog		Introduced
SkyBrightness		Introduced
SkyQuality		Introduced
SkyTemperature		Introduced
StarFWHM		Introduced
SupportedActions		Introduced
Temperature		Introduced
TimeSinceLastUpdate		Introduced
WindDirection		Introduced
WindGust		Introduced
WindSpeed		Introduced

Rotator				
Member	Platform 7 - 2024	Platform 6.5 - 2020	Platform 6 - 2011	Platform 5 - 2008
	IRotatorV4	IRotatorV3	IRotatorV2	IRotator
Action			Introduced	Absent
CanReverse			Introduced	Absent
CommandBlind	Deprecated		Introduced	Absent
CommandBool	Deprecated		Introduced	Absent
CommandString	Deprecated		Introduced	Absent
Connect	Introduced	Absent	Absent	Absent
Connected	Revised			Introduced
Connecting	Introduced	Absent	Absent	Absent
Description			Introduced	Absent
DeviceState	Introduced	Absent	Absent	Absent
Disconnect	Introduced	Absent	Absent	Absent
Dispose			Introduced	Absent
DriverInfo			Introduced	Absent
DriverVersion			Introduced	Absent
Halt				Introduced
InterfaceVersion			Introduced	Absent
IsMoving		Revised		Introduced
MechanicalPosition		Introduced	Absent	Absent
Move		Revised		Introduced
MoveAbsolute		Revised		Introduced
MoveMechanical		Introduced	Absent	Absent
Name			Introduced	Absent
Position		Revised		Introduced
Reverse		Revised		Introduced
SetupDialog				Introduced
StepSize				Introduced
SupportedActions			Introduced	Absent
Sync		Introduced	Absent	Absent
TargetPosition		Revised		Introduced

SafetyMonitor			
Member	Platform 7 - 2024	ISafetyMonitorV2	Platform 6 - 2011
	ISafetyMonitorV3		ISafetyMonitor
Action	Introduced	ISafetyMonitorV2 has been skipped to avoid confusion because the Platform 6 simulator from 2011 incorrectly returned the interface version as 2 instead of the correct value: 1.	Introduced
CommandBlind	Deprecated		Introduced
CommandBool	Deprecated		Introduced
CommandString	Deprecated		Introduced
Connect	Introduced		Absent
Connected	Revised		Introduced
Connecting	Introduced		Absent
Description			Introduced
DeviceState	Introduced		Absent
Disconnect	Introduced		Absent
Dispose			Introduced
DriverInfo			Introduced
DriverVersion			Introduced
InterfaceVersion			Introduced
IsSafe			Introduced
Name			Introduced
SetupDialog			Introduced
SupportedActions			Introduced

Switch			
Member	Platform 7 - 2024	Platform 6.1 - 2014	Platform 5 - 2008
	ISwitchV3	ISwitchV2	ISwitch
Action		Introduced	Absent
CanWrite		Introduced	Absent
CommandBlind	Deprecated	Introduced	Absent
CommandBool	Deprecated	Introduced	Absent
CommandString	Deprecated	Introduced	Absent
Connect	Introduced	Absent	Absent
Connected	Revised		Introduced
Connecting	Introduced	Absent	Absent
Description			Introduced
DeviceState	Introduced	Absent	Absent
Disconnect	Introduced	Absent	Absent
Dispose		Introduced	Absent
DriverInfo			Introduced
DriverVersion			Introduced
GetSwitch			Introduced
GetSwitchDescription		Introduced	Absent
GetSwitchName			Introduced
GetSwitchValue		Introduced	Absent
InterfaceVersion			Introduced
MaxSwitch			Introduced
MaxSwitchValue		Introduced	Absent
MinSwitchValue		Introduced	Absent
Name			Introduced
SetAsync	Introduced	Absent	Absent
SetAsyncValue	Introduced	Absent	Absent
SetSwitch			Introduced
SetSwitchName		Introduced	Absent
SetSwitchValue		Introduced	Absent
SetupDialog			Introduced
StateChangeComplete	Introduced	Absent	Absent
SupportedActions		Introduced	Absent
SwitchStep		Introduced	Absent

Telescope				
Member	Platform 7 - 2024	Platform 6 - 2011	Platform 4 - 2004	Platform 1 to 3
	ITelescopeV4	ITelescopeV3	ITelescopeV2	ITelescope R&D
AbortSlew	Revised			Introduced
Action		Introduced	Absent	Absent
AlignmentMode				Introduced
Altitude				Introduced
ApertureArea			Introduced	Absent
ApertureDiameter				Introduced
AtHome			Introduced	Absent
AtPark			Introduced	Absent
AxisRates			Introduced	Absent
Azimuth				Introduced
CanFindHome				Introduced
CanMoveAxis			Introduced	Absent
CanPark				Introduced
CanPulseGuide				Introduced
CanSetDeclinationRate			Introduced	Absent
CanSetGuideRates			Introduced	Absent
CanSetPark				Introduced
CanSetPierSide			Introduced	Absent
CanSetRightAscensionRate			Introduced	Absent
CanSetTracking				Introduced
CanSlew	Revised			Introduced
CanSlewAltAz	Revised		Introduced	Absent
CanSlewAltAzAsync	Revised		Introduced	Absent
CanSlewAsync	Revised			Introduced
CanSync				Introduced
CanSyncAltAz			Introduced	Absent
CanUnpark				Introduced
CommandBlind	Deprecated			Introduced
CommandBool	Deprecated			Introduced
CommandString	Deprecated			Introduced
Connect	Introduced	Absent	Absent	Absent
Connected	Revised			Introduced
Connecting	Introduced	Absent	Absent	Absent
Declination				Introduced
DeclinationRate	Revised			Introduced
Description				Introduced
DestinationSideOfPier			Introduced	Absent
DeviceState	Introduced	Absent	Absent	Absent
Disconnect	Introduced	Absent	Absent	Absent
Dispose		Introduced	Absent	Absent
DoesRefraction			Introduced	Absent
DriverInfo				Introduced
DriverVersion			Introduced	Absent
EquatorialSystem			Introduced	Absent
FindHome	Revised			Introduced
FocalLength				Introduced
GuideRateDeclination			Introduced	Absent
GuideRateRightAscension			Introduced	Absent
InterfaceVersion			Introduced	Absent
IsPulseGuiding			Introduced	Absent
MoveAxis	Revised		Introduced	Absent
Name				Introduced
Park	Revised			Introduced
PulseGuide	Revised			Introduced
RightAscension				Introduced
RightAscensionRate	Revised			Introduced
SetPark				Introduced
SetupDialog				Introduced
SideOfPier			Introduced	Absent
SiderealTime				Introduced
SiteElevation				Introduced
SiteLatitude				Introduced
SiteLongitude				Introduced
Stewing				Introduced
SlewSettleTime				Introduced
SlewToAltAz	Deprecated		Introduced	Absent
SlewToAltAzAsync	Revised		Introduced	Absent
SlewToCoordinates	Deprecated			Introduced
SlewToCoordinatesAsync	Revised			Introduced
SlewToTarget	Deprecated			Introduced
SlewToTargetAsync	Revised			Introduced
SupportedActions		Introduced	Absent	Absent
SyncToAltAz			Introduced	Absent
SyncToCoordinates				Introduced
SyncToTarget				Introduced
TargetDeclination				Introduced
TargetRightAscension				Introduced
Tracking				Introduced
TrackingRate			Introduced	Absent
TrackingRates			Introduced	Absent
Unpark				Introduced
UTCDate				Introduced

Video		
Member	Platform 7 - 2024	Platform 6.1 - 2014
	IVideoV2	IVideo
Action		Introduced
BitDepth		Introduced
CameraState		Introduced
CanConfigureDeviceProperties		Introduced
CommandBlind	Introduced but Deprecated	Absent
CommandBool	Introduced but Deprecated	Absent
CommandString	Introduced but Deprecated	Absent
ConfiguureDeviceProperties		Introduced
Connect	Introduced	Absent
Connected	Revised	Introduced
Connecting	Introduced	Absent
Description		Introduced
DeviceState	Introduced	Absent
Disconnect	Introduced	Absent
Dispose		Introduced
DriverInfo		Introduced
DriverVersion		Introduced
ExposureMax		Introduced
ExposureMin		Introduced
FrameRate		Introduced
Gain		Introduced
GainMax		Introduced
GainMin		Introduced
Gains		Introduced
Gamma		Introduced
GammaMax		Introduced
GammaMin		Introduced
Height		Introduced
IntegrationRate		Introduced
InterfaceVersion		Introduced
LastVideoFrame		Introduced
Name		Introduced
PixelSizeX		Introduced
PixelSizeY		Introduced
SensorName		Introduced
SensorType		Introduced
SetupDialog		Introduced
StartRecordingVideoFile		Introduced
StopRecordingVideoFile		Introduced
SupportedActions		Introduced
SupportedIntegrationRates		Introduced
VideoCaptureDeviceName		Introduced
VideoCodec		Introduced
VideoFileFormat		Introduced
VideoFramesBufferSize		Introduced
Width		Introduced