## **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
Tionibol	ICameraV4	ICameraV3	ICameraV2	ICameraV2	ICamera
AbortExposure					Introduced
Action				Introduced	Absent
BayerOffsetX BayerOffsetY				Introduced Introduced	Absent Absent
BinX				mirouuoou	Introduced
BinY					Introduced
CameraState					Introduced
CameraXSize					Introduced
CanAbortEvaccure					Introduced Introduced
CanAbortExposure CanAsymmetricBin					Introduced
CanFastReadout				Introduced	Absent
CanGetCoolerPower					Introduced
CanPulseGuide					Introduced
CanSetCCDTemperature					Introduced
CanStopExposure					Introduced
CCDTemperature CommandBlind	Deprecated			Introduced	Introduced Absent
CommandBool	Deprecated			Introduced	Absent
CommandString	Deprecated			Introduced	Absent
Connect	Introduced	Absent	Absent	Absent	Absent
Connected	Revised				Introduced
Connecting	Introduced	Absent	Absent	Absent	Absent
CoolerOn					Introduced
CoolerPower  Description					Introduced 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 ExposureMin		Introduced Introduced	Absent Absent	Absent 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 HasShutter				Introduced	Absent Introduced
HeatSinkTemperature					Introduced
ImageArray					Introduced
ImageArrayVariant					Introduced
ImageReady					Introduced
InterfaceVersion				Introduced	Absent
IsPulseGuiding					Introduced
LastExposureDuration LastExposureStartTime			Revised		Introduced Introduced
MaxADU			Heviseu		Introduced
MaxBinX					Introduced
MaxBinY					Introduced
Name				Introduced	Absent
NumX					Introduced
NumY Offset		Introduced	Absent	Absent	Introduced Absent
OffsetMax		Introduced	Absent	Absent	Absent
OffsetMin		Introduced	Absent	Absent	Absent
Offsets		Introduced	Absent	Absent	Absent
PercentCompleted				Introduced	Absent
PixelSizeX					Introduced
PixelSizeY  PulseCuide					Introduced
PulseGuide ReadoutMode				Introduced	Introduced Absent
ReadoutModes				Introduced	Absent
SensorName				Introduced	Absent
SensorType				Introduced	Absent
SetCCDTemperature					Introduced
SetupDialog					Introduced
StartExposure					Introduced
StartX StartY					Introduced Introduced
StopExposure					Introduced
SubExposureDuration		Introduced	Absent	Absent	Absent
Cabe.pecarobaration					

CoverCalibrator		
Manakan	Platform 7 - 2024	Platform 6.5 - 2020
Member	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
Member	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	Introduced	Absent	Absent
Description			Introduced
DeviceState	Introduced	Absent	Absent
Disconnect	Introduced	Absent	Absent
Dispose		Introduced	Absent
DriverInfo			Introduced
DriverVersion			Introduced
FindHome			Introduced
nterfaceVersion			Introduced
Name			Introduced
OpenShutter			Introduced
Park			Introduced
SetPark			Introduced
SetupDialog			Introduced
ShutterStatus			Introduced
Slaved			Introduced
Slewing			Introduced
SlewToAltitude			Introduced
SlewToAzimuth			Introduced
SupportedActions			Absent
SyncToAzimuth			Introduced

<b>FilerWheel</b>			
Manakan	Platform 7 - 2024	Platform 6 - 2011	Platform 5 - 2008
Member	IFilterWheelV3	IFilterWheelV2	<b>IFilterWheel</b>
Action		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	Absent
DeviceState	Introduced	Absent	Absent
Disconnect	Introduced	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
Member	IFocuserV4	IFocuserV3	IFocuserV2	IFocuser
Absolute				Introduced
Action			Introduced	Absent
CommandBlind	Deprecated		Introduced	Absent
CommandBool	Deprecated		Introduced	Absent
CommandString	Deprecated		Introduced	Absent
Connect	Introduced	Absent	Absent	Absent
Connected	Revised		Introduced	Absent
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				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
Member	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				
Manshau	Platform 7 - 2024	Platform 6.5 - 2020	Platform 6 - 2011	Platform 5 - 2008
Member	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		Platform 6 - 2011
Member	ISafetyMonitorV3	ISafetyMonitorV2	<b>ISafetyMonitor</b>
Action			Introduced
CommandBlind	Deprecated		Introduced
CommandBool	Deprecated		Introduced
CommandString	Deprecated		Introduced
Connect	Introduced		Absent
Connected	Revised		Introduced
Connecting	Introduced	ISafetyMonitorV2 has been	Absent
Description		skipped to avoid confusion	Introduced
DeviceState	Introduced	because the Platform 6	Absent
Disconnect	Introduced	simulator from 2011 incorrectly	Absent
Dispose		returned the interface version as	Introduced
DriverInfo		2 instead of the correct value: 1.	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
Member	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 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
Member	ITelescopeV4	ITelescopeV3	ITelescopeV2	ITelescope R&D
AbortSlew	Revised			Introduced
Action		Introduced	Absent	Absent
AlignmentMode Altitude				Introduced Introduced
ApertureArea			Introduced	Absent
ApertureDiameter				Introduced
AtHome			Introduced	Absent
AtPark			Introduced	Absent
AxisRates Azimuth			Introduced	Absent
CanFindHome				Introduced Introduced
CanMoveAxis			Introduced	Absent
CanPark				Introduced
CanPulseGuide				Introduced
CanSetDeclinationRate			Introduced	Absent
CanSetGuideRates			Introduced	Absent
CanSetPark				Introduced
CanSetPierSide CanSetRightAscensionRate			Introduced Introduced	Absent Absent
CanSetTracking			introduced	Introduced
CanSlew	Revised			Introduced
CanSlewAltAz	Revised		Introduced	Absent
CanSlewAltAzAsync	Revised		Introduced	Absent
CanSlewAsync	Revised			Introduced
CanSync				Introduced
CanSyncAltAz			Introduced	Absent
CanUnpark CommandBlind	Deprecated			Introduced 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 DestinationSideOfPier			Introduced	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 FocalLength	Revised			Introduced Introduced
GuideRateDeclination			Introduced	Absent
GuideRateRightAscension			Introduced	Absent
InterfaceVersion			Introduced	Absent
IsPulseGuiding			Introduced	Absent
MoveAxis	Revised		Introduced	Absent
Name				Introduced
Park	Revised			Introduced
PulseGuide RightAscension	Revised			Introduced Introduced
RightAscensionRate	Revised			Introduced
SetPark				Introduced
SetupDialog				Introduced
SideOfPier			Introduced	Absent
SiderealTime				Introduced
SiteElevation				Introduced
SiteLatitude SiteLongitude				Introduced Introduced
Slewing				Introduced
SlewSettleTime				Introduced
SlewToAltAz	Deprecated		Introduced	Absent
SlewToAltAzAsync	Revised		Introduced	Absent
SlewToCoordinates	Deprecated			Introduced
SlewToCoordinatesAsync	Revised			Introduced
SlewToTarget	Deprecated Povised			Introduced
SlewToTargetAsync SupportedActions	Revised	Introduced	Absent	Introduced Absent
SyncToAltAz		minouncen	Introduced	Absent
SyncToCoordinates			vaasea	Introduced
SyncToTarget				Introduced
TargetDeclination				Introduced
TargetRightAscension				Introduced
Tracking				Introduced
				Aboont
TrackingRate			Introduced	Absent
	Revised		Introduced	Absent Introduced

Member  Platform 7 - 2024   IvideoV2   Ivideo   Introduced	Video		
Action Action BitDepth CameraState CanConfigureDeviceProperties CommandBind CommandBind CommandBind Introduced but Deprecated CommandBind CommandString Introduced but Deprecated CommandString Introduced but Deprecated Connect Connect Introduced Introduced Absent DeviceState Introduced Absent Disconnect Introduced Absent Disconnect Introduced Introduced Absent Disconnect Introduced Introduced Introduced Introduced Absent Disconnect Introduced	Video	Platform 7 - 2024	Platform 6.1 - 201/
Action Introduced BIDepth Introduced CameraState Introduced CameraState Introduced CameraState Introduced CameraState Introduced CommandBlund Introduced but Deprecated Absent CommandString Introduced but Deprecated Absent CommandString Introduced but Deprecated Absent CommandString Introduced but Deprecated Absent Connect Connect Introduced Introduced Absent Connected Revised Introduced Connecting Introduced Absent Introduced Absent Connecting Introduced Absent Introduced Absent Introduced Absent Introduced Absent Introduced Absent Description Introduced Absent Introduced Absent Disconnect Introduced Absent Introduced Absent Disconnect Introduced Absent Introduced Driver/Info Introduced Introduced Driver/Info Introduced Introduced Driver/Info Introduced Introduced Driver/Info Introduced Introduced Introduced ExposureMax Introduced ExposureMax Introduced Introduced Introduced Introduced Introduced Gain Introduced Introduced Introduced Introduced Introduced Gain Introduced Gain Introduced Introduced Gain Introduced	Member		
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