

AVT Software Package Comparison Chart for Windows OS

Feature	FirePackage	Active FirePackage	Direct FirePackage
Camera Support			
Dolphin	✓	✓	✓
Marlin	✓	✓	✓
Oscar	✓	✓	✓
Guppy	✓	✓	(✓)
Pike	✓	✓	N/A
Stingray	✓	✓	N/A
Windows Operating System Support			
NT	✓	N/A	N/A
2000	✓	✓	✓
XP	✓	✓	(✓) ⁽¹⁾
Vista	✓	(✓) ⁽¹⁾	N/A
Programming Language Support			
C	✓	N/A	N/A
C++	✓	✓	✓
C#	✓	✓	✓
VB	(✓) ⁽²⁾	✓	✓
VB.Net	✓	✓	✓
Delphi	N/A	✓	✓
Package Components			
Driver	Monolithic ⁽³⁾ IEEE1394 Bus Driver	Camera System Driver ⁽⁴⁾	Streaming Driver ⁽⁴⁾
Viewer Application	High-performance Viewer that supports all SmartFeatures	Simple Demo-Viewer, no SmartFeature support (yet!)	Extended Viewer, supports also several SmartFeatures
ActiveX Control	N/A	✓	(✓)
DirectShow Interface	N/A	(✓)	✓
TWAIN	N/A	✓	✓
Example Collection	✓	✓	(✓)
Documentation	PDF file CHM (HTML based help) file	PDF file CHM (HTML based help) file	PDF file
AVT SmartFeature Access			
Direct Register Access	✓	✓	(✓) ⁽⁵⁾
Parameter Block Transfer	✓	✓	N/A
Special Methods	✓ ⁽²⁾	N/A	(✓)
Miscellaneous			
64-Bit System Support	✓	Q4/2008	N/A
Supported 'Save Image' Formats	N/A	BMP, JPG, TIFF, AVI	BMP
S800 Support	✓	(✓)	N/A

(1) Currently the Microsoft 1394 OHCI driver supports only data rates up to 400Mbps (S400)

(2) By using the AVT Universal C-API (UniAPI)

(3) Monolithic driver means, only one driver handles the physical interface (IEEE1394 bus) and it only communicates to IIDC cameras. Thus, the driver is simpler and as effective as possible.

(4) Based on the Microsoft IEEE1394 driver set

(5) The usage of bandwidth affecting SmartFeatures (i.e., SequenceMode, Deferred Mode) is restricted due to limitations caused by DirectShow itself.