Part V
Appendices

In the first four parts, you learned about installing the Virtual Tablet Interface and using the Virtual Tablet editor to create templates for your favorite applications. You can now use the tools and features of the Editor to create templates with the level of complexity you wish.

In the next five appendices, you'll find important reference material for utilizing the Virtual Tablet Interface to its fullest on your computer system:

n   Virtual Key Codes used by the Virtual Tablet Interface utilities and drivers.

n   A dynamic-link library that provides the digitizer interface to Windows.

n   A DOS device driver that provides the digitizer interface to DOS.

n   A DOS utility for loading and executing templates under DOS.

n   A reference guide to supported digitizing devices.

Appendix A
Virtual Key Codes

The following table lists the Virtual Key Codes used in keystroke templates to define character sequences sent to the target application each time the region is activated. The table is divided into three columns with the decimal key code followed by the key description. If you are entering the decimal code into the keystroke field in the Region Properties dialog box, remember to pad the decimal with zeros to three numerals.

000	Null	001	Ctrl+A	002	Ctrl+B
003	Ctrl+C	004	Ctrl+D	005	Ctrl+E
006	Ctrl+F	007	Ctrl+G	008	Ctrl+H
009	Ctrl+I	010	Ctrl+J	011	Ctrl+K
012	Ctrl+L	013	Ctrl+M	014	Ctrl+N
015	Ctrl+O	016	Ctrl+P	017	Ctrl+Q
018	Ctrl+R	019	Ctrl+S	020	Ctrl+T
021	Ctrl+U	022	Ctrl+V	023	Ctrl+W
024	Ctrl+X	025	Ctrl+Y	026	Ctrl+Z
027	Escape	028	Ctrl+\	029	Ctrl+]
030	Ctrl+6	031	Ctrl+Minus	032	Space
033	!	034	"	035	#
036	$	037	%	038	&
039	'	040	(	041	)
042	*	043	+	044	,
045	-	046	.	047	/
048	0	049	1	050	2
051	3	052	4	053	5
054	6	055	7	056	8
057	9	058	:	059	;
060	<	061	=	062	>
063	?	064	@	065	A
066	B	067	C	068	D
069	E	070	F	071	G
072	H	073	I	074	J
075	K	076	L	077	M
078	N	079	O	080	P
081	Q	082	R	083	S
084	T	085	U	086	V
087	W	088	X	089	Y
090	Z	091	[	092	\
093	]	094	^	095	_
096	`	097	a	098	b
099	c	100	d	101	e
102	f	103	g	104	h
105	i	106	j	107	k
108	l	109	m	110	n
111	o	112	p	113	q
114	r	115	s	116	t
117	u	118	v	119	w
120	x	121	y	122	z
123	{	124			125	}
126	~	127	Ctrl+Backspace	128	Backspace
129	Tab	130	Ctrl+Return	131	Return

132	Alt+Escape	133	Alt+Backspace	134	Shift+Tab
135	Alt+Q	136	Alt+W	137	Alt+E
138	Alt+R	139	Alt+T	140	Alt+Y
141	Alt+U	142	Alt+I	143	Alt+O
144	Alt+P	145	Alt+[	146	Alt+]
147	Alt+A	148	Alt+S	149	Alt+D
150	Alt+F	151	Alt+G	152	Alt+H
153	Alt+J	154	Alt+K	155	Alt+L
156	Alt+Z	157	Alt+X	158	Alt+C
159	Alt+V	160	Alt+B	161	Alt+N
162	Alt+M	163	FI	164	F2
165	F3	166	F4	167	F5
168	F6	169	F7	170	F8
171	F9	172	F10	173	Home
174	UpArrow	175	PageUp	176	LeftArrow
177	RightArrow	178	End	179	DownArrow
180	PageDown	181	Insert	182	Delete
183	Shift+F1	184	Shift+F2	185	Shift+F3
186	Shift+F4	187	Shift+F5	188	Shift+F6
189	Shift+F7	190	Shift+F8	191	Shift+F9
192	Shift+F10	193	Ctrl+F1	194	Ctrl+F2
195	Ctrl+F3	196	Ctrl+F4	197	Ctrl+F5
198	Ctrl+F6	199	Ctrl+F7	200	Ctrl+F8
201	Ctrl+F9	202	Ctrl+F10	203	Alt+F1
204	Alt+F2	205	Alt+F3	206	Alt+F4
207	Alt+F5	208	Alt+F6	209	Alt+F7
210	Alt+F8	211	Alt+F9	212	Alt+F10
213	Ctrl+LeftArrow	214	Ctrl+RightArrow	215	Ctrl+End
216	Ctrl+PageDown	217	Ctrl+Home	218	Alt+1
219	Alt+2	220	Alt+3	221	Alt+4
222	Alt+5	223	Alt+6	224	Alt+7
225	Alt+8	226	Alt+9	227	Alt+0
228	Alt+Minus	229	Alt+=	230	Ctrl+PageUp
231	F11	232	F12	233	Shift+F11
234	Shift+F12	235	Ctrl+F11	236	Ctrl+F12
237	Alt+F11	238	Alt+F12	239	Ctrl+UpArrow
240	Ctrl+DownArrow	241	Ctrl+Insert	242	Ctrl+Delete
243	Ctrl+Escape	244	Shift+Escape	245	Shift+Insert
246	Shift+Delete	247	Shift+Home	248	Shift+End
249	Shift+PageUp	250	Shift+PageDown	251	Shift+RightArrow
252	Shift+LeftArrow	253	Shift+UpArrow	254	Shift+DownArrow

Appendix B
Windows Driver

Description

This dynamic link library provides the between Microsoft Windows and the digitizing device. The library may be specified as the Windows mouse driver or loaded independently by Windows applications and supports the following functions: mouse driver, Pen Windows driver, template manager and tracing input.

Invocation

To load the library as the Windows mouse driver, the **[Boot]** section of the Windows SYSTEM.INI file must be modified as follows:

mouse.drv=VTABLET.DLL

Upon loading, the driver looks in the SYSTEM.INI file under the **[Virtual Tablet]** heading for the following information which may be modified by the user (note some information is required):

Comm=n
Use serial communications port **n** where **n** is between 1 and 2. Driver defaults to Comm 1 which is over-ridden by this switch.

Filter=n
Filtering of packets to smooth screen jitter where **n** is between 0 and 5. Zero disables filtering and 5 provides the highest level. The default is three.

Tablet=n
Select digitizing tablet **n** corresponding to the tablet numbers defined in Appendix E. *This parameter is required and must be set to a valid tablet number.*

xExtent=n
Sets the tablets horizontal axis to **n** which defaults to a VGA screen resolution of 640. The **xExtent** must be between 0 and 32,767. Higher values will map to quicker cursor movement on the screen. This value is ignored under Pen Windows.

yExtent=n
Sets the tablets vertical axis to **n** which defaults to a VGA screen resolution of 480. The **yExtent** must be between 0 and 32,767. Higher values will map to quicker cursor movement on the screen. This value is ignored under Pen Windows.

Absolute=n
Sets absolute positioning on (**n**=1) or off (**n**=0). This value is ignored under Windows 3.0 and Pen Windows. The default is off (relative) for compatibility with earlier versions of Windows.

ReportRate=n
Sets the report rate speed to **n** where 0=Slow, 1=Normal (default) and 2=Fast. Reports are relative to each particular digitizer but can affect system performance depending on other peripherals and the mode in which Windows is running (see AutoEnhance below). This configuration parameter generally does not need to be changed.

AutoEnhance=n
Sets AutoEnhance mode detection to **n** where 0=Off (default) and 1= On. When enabled, AutoEnhance mode will automatically lower the tablet's report rate under Enhanced Mode Windows and leave it alone otherwise. This value is ignored under Real and Standard mode Windows and cannot set the report rate below 0 (Slow). Set this parameter to 1=On if your Enhanced Mode sessions are sluggish or even crash with many DOS sessions open.

Buttons=s
Sets button mapping values. *Do not edit this configuration entry directly as it may*

result in driver inoperability. Changes this entry should only be done from the Button Mapping dialog box. You may, however, delete the this entry entirely which will disable button mapping and return you to normal Windows operation.

Notes

The dynamic link library will fail to load if the configuration information in the SYSTEM.INI file is incorrect, or the DOS driver is currently in use. All errors encountered in loading are written to the SYSTEM.INI file under the topic **[Virtual Tablet]** on the line beginning with **Status=.** Normal loading sets this entry to **Status=OK**.

If the library is not specified as the mouse driver under Windows 3.0, cursor movement in templates will be inhibited (though template commands and tracing functions will continue to work). Under Windows 3.1, the driver may be loaded independently of the mouse driver and will manage the cursor in conjunction with another pointing device.

Only one device is permitted per system unless one is configured for DOS and the other for Windows. However, regardless of configuration, only one instance of the DOS driver may be loaded even if with different port designators.

This library disables the DOS driver until Windows is exited. The DOS device driver is not required for use with Windows and therefore need not be loaded thereby saving some memory in the DOS and Windows environments.

Control Panel Applet

If you are running Windows 3.1 or later and have installed VTABLET.DLL as the mouse driver, pen driver or an installable driver, the Control Panel will display an icon which can be used to configure the driver. After selecting the icon, the dialog box for the virtual tablet driver is displayed.

The dialog box allows you to configure system pointer functions such as the tracking and double-click speed, double-click height and width, and number of mouse trails on the display at any time. (For more information on setting these values, refer to the Windows User Guide.) The driver's filtering value, method of positioning and button mapping may be also be set.

When you have completed your changes, click the OK button or press ENTER. Otherwise, you can cancel your changes by clicking the Cancel button or pressing the ESCAPE key. You can return the values to their Windows defaults at any time by clicking the Reset button.

Disabling the Driver

If you are running in Standard Mode, you may disable the driver temporarily by clicking the Disable button. The driver will remove itself from Windows allowing the serial port to be used by another device such as a modem. If the driver was installed as the mouse driver, it will hide also the cursor. To re-enable the driver (and show the cursor), open the dialog box again and press the Enable (formerly Disable) button.

Mapping Buttons

To change the way the driver maps tablet buttons to those used by Windows or to change the "air brushing" of pen pressure, click the Buttons button in the Control Panel Applet. The Button Mapping dialog box will be displayed.

Check or uncheck the Windows actions you wish for each tablet button event. Then, each time the tablet event occurs, the Windows buttons you have checked will be used instead of their default values. Tablet buttons 1-3 default to the Left, Right and Middle Windows buttons, respectively. This default mapping is shown above in which tablet button 4 is mapped to a Left Windows button double-click.

You may also enter a pen pressure for each tablet button in the range between 0 and 128. Then, while the button is pressed, the pressure supplied will be used by the driver *in addition to* pressure readings by the tablet. You do not need a pressure-sensitive tablet in order to take advantage of this "air brushing" feature.

When you have completed your changes, click the OK button or press ENTER. Otherwise, you can cancel your changes by clicking the Cancel button or pressing ESCAPE. You can return the values to their defaults at any time by clicking the Reset button.

Button mapping values are stored in the SYSTEM.INI file under the section titled [**Virtual Tablet**] using the key **Buttons=**. *Do not edit this configuration entry directly as it may result in driver inoperability*. Changes this entry should only be done from the Button Mapping dialog box. You may, however, delete the **Buttons=** entry entirely which will disable button mapping and return you to normal Windows operation.

Appendix C
DOS Driver

Description

This DOS device driver interfaces between applications, utilities and the digitizing device for DOS-based applications including the Autodesk Device Interface.

Invocation

<div align="center">

device = VTABLET.SYS [/Cn] [/Tn] [/An] [/Sn] [/P] [/Fn]

</div>

Upon loading, the driver looks on the command line for the following information which may be modified by the user (note some information is required):

/Cn   Use serial communications port **n** where **n** is between 1 and 2. Driver defaults to Comm 1 and is over-ridden by this switch.

/Tn   Select digitizing tablet **n** corresponding to the tablet numbers defined in Appendix E. *This parameter is required and must be set to a valid tablet number.*

/An   Sets the Autodesk Device Interface software interrupt vector for the digitizer interface to **n** such as **/A121.** Must be a decimal value between 120 and 128.

/Sn   Sets the report rate speed to **n** where 0=Slow, 1=Normal (default) and 2=Fast. Reports are relative to each particular digitizer but can affect system performance depending on other peripherals. This configuration parameter generally does not need to be changed.

/Fn   Filtering of packets to smooth screen jitter where **n** is between 0 and 5. Zero disables filtering and 5 provides the highest level. The default is three.

Notes

Only one driver is permitted per system unless one is configured for DOS and the other for Windows. However, regardless of configuration, only one instance of the DOS driver may be loaded even with different port designators.

The Windows driver, VTABLET.DLL, disables the DOS driver until no longer needed. However, the DOS device driver is not required for use with Windows and need not be loaded thereby saving some memory in the DOS environment.

Appendix D
DOS Loader

Description

The Virtual Tablet Loader, VTLOAD.EXE, is a bi-model executable which runs under both Microsoft Windows and PC/MS DOS. This Appendix describes the DOS Loader. For information on using the Loader under Windows, see the chapter titled "Using Tools."

The DOS Loader is capable of loading templates compiled from within the Editor and requires the DOS device driver, VTABLET.SYS. The Loader itself simply loads templates from disk into the DOS device driver. Actual execution of the template is done by the driver whenever it is activated by an application (such as the AutoDesk Device Interface).

Invocation

VTLOAD.EXE [/T*file***] [/C] [/R] [/?]**

The Loader looks on the command line for the following information supplied by the user:

/T*file*   Load the compiled template *file*. The template must be compatible with the current version of the DOS device driver and Loader. A full path name must be specified if not in the current directory. Compiled templates use the default extension .VTT. To unload and disable an existing template, omit this field.

/C   Display the specified template's comments, if any, when loading.

/R   Display the specified template's creator information, if any, when loading.

/?   Display a quick help screen and exit. Does not load or affect existing templates.

Examples

The following examples demonstrate loading and unloading a template name ASKETCH.VTT under DOS form the command line. The template is assumed to be in the current directory.

To load the template: **vtload /tasketch.vtt /c /r**   *'loads template and displays comments and creator*
To unload the template: **vtload**   *' unloads the ASKETCH.VTT template from memory*
To load another template type: **vtload /tanother.vtt**   *'unloads ASKETCH.VTT and loads 'ANOTHER.VTT'*

Often, it is convenient to use a DOS batch file to invoke both the application and its template (like under Windows). The example below demonstrates one such batch file for using AutoSketch and a template and assumes both are in the directory called C:\ASKETCH.

```
CD C:\ASKETCH                  REM   Change to AutoSketch directory first
VTLOAD /tASKETCH.VTT /C /R     REM   Load template, display comments & creator
ASKETCH                        REM   Then run AutoSketch (with ADI)
VTLOAD                         REM   When done, unload ASKETCH.VTT template
```

Notes

The DOS Loader requires the DOS device driver, VTABLET.SYS. Since this driver is disabled under Windows, the DOS Loader cannot be run from within Windows when the Windows driver, VTABLET.DLL, is active. However, the DOS Loader can be invoked prior to entering Windows and will still be valid upon exiting from Windows.

Appendix E
Digitizers Supported

The Virtual Tablet Interface supports a variety of digitizers which are identified to the drivers, utilities and applications by number. Generally, you will not need to change the tablet identifier for your system unless you change digitizers or installed the Interface incorrectly.

This Appendix enumerates supported configurations for each digitizer. If your tablet is not listed below, choose one that best matches the active area and report format of your digitizer. If you received an OEM version of the Virtual Tablet Interface with your digitizer, only the tablets licensed by the OEM will be available from the list below.

Note: Some digitizers may require setting DIP switches for proper operation. Refer to the manual that came with your tablet and configure per the specification(s) below.

No.	Vendor	Model	Active Area	Baud	Stop	Data	Parity	Format
0	Summagraphics	BitPad Plus	12" x 12"	9600	2	7	Even	BitPad
1	Summagraphics	SummaSketch	9" x 6"	9600	1	8	Odd	MM
2	Summagraphics	SummaSketch	11.7" x 11.7"	9600	1	8	Odd	MM
3	Summagraphics	SummaSketch	18" x 12"	9600	1	8	Odd	MM
4	Summagraphics	MicroGrid	12" x 12"	9600	2	7	Even	UIOF
5	Summagraphics	MicroGrid	18" x 12"	9600	2	7	Even	UIOF
6	Summagraphics	MicroGrid	20" x 16"	9600	2	7	Even	UIOF
7	Summagraphics	MicroGrid	24" x 17"	9600	2	7	Even	UIOF
8	Summagraphics	MicroGrid	20" x 20"	9600	2	7	Even	UIOF
9	Summagraphics	MicroGrid	17" x 24"	9600	2	7	Even	UIOF
10	Summagraphics	MicroGrid	36" x 24"	9600	2	7	Even	UIOF
11	Summagraphics	MicroGrid	48" x 36"	9600	2	7	Even	UIOF
12	Summagraphics	MicroGrid	60" x 42"	9600	2	7	Even	UIOF
13	Calcomp	DrawingBoard	12" x 12"	9600	1	8	None	GTCO5
14	Calcomp	DrawingBoard	18" x 12"	9600	1	8	None	GTCO5
15	Calcomp	DrawingBoard	24" x 18"	9600	1	8	None	GTCO5
16	Calcomp	2500 Series	12" x 12"	9600	1	8	None	GTCO5
17	Calcomp	2500 Series	18" x 12"	9600	1	8	None	GTCO5
18	Calcomp	9100 Series	36":x 14"	9600	1	8	None	GTCO5
19	Calcomp	9100 Series	24" x 17"	9600	1	8	None	GTCO5
20	Calcomp	9100 Series	24" x 24"	9600	1	8	None	GTCO5
21	Calcomp	9100 Series	36" x 24"	9600	1	8	None	GTCO5
22	Calcomp	9100 Series	48" x 36"	9600	1	8	None	GTCO5
23	Calcomp	9100 Series	60" x 48"	9600	1	8	None	GTCO5
24	Calcomp	9500 Series	36" x 24"	9600	1	8	None	GTCO5
25	Calcomp	9500 Series	48" x 36"	9600	1	8	None	GTCO5
26	Calcomp	9500 Series	60" x 48"	9600	1	8	None	GTCO5
27	Kurta	IS/ONE	11" x 8.5"	9600	1	8	None	Binary 2B
28	Kurta	IS/ONE	12" x 12"	9600	1	8	None	Binary 2B
29	Kurta	IS/ONE	17" x 12"	9600	1	8	None	Binary 2B
30	Summagraphics	SummaSketch II	9" x 6"	9600	1	8	Odd	MM
31	Summagraphics	SummaSketch II	11.7" x 11.7"	9600	1	8	Odd	MM
32	Summagraphics	SummaSketch II	18" x 12"	9600	1	8	Odd	MM
33	Calcomp	DrawingBoard II	7.5" x 7.5"	9600	1	8	None	GTCO5
34	Calcomp	DrawingBoard II	12" x 12"	9600	1	8	None	GTCO5
35	Calcomp	DrawingBoard II	18" x 12"	9600	1	8	None	GTCO5
36	Calcomp	DrawingBoard II	24" x 18"	9600	1	8	None	GTCO5

37	Calcomp	DrawingBoard II	36" x 24"	9600	1	8	None	GTCO5
38	Calcomp	DrawingBoard II	48" x 36"	9600	1	8	None	GTCO5
39	Calcomp	DrawingBoard II	60" x 44"	9600	1	8	None	GTCO5
40	Wacom	SD-210	25" x 18"	9600	1	8	None	Wacom
41	Wacom	SD-31X	16.7" x 11.8"	9600	1	8	None	Wacom
42	Wacom	SD-32X	15" x 15"	9600	1	8	None	Wacom
43	Wacom	SD-42X	12" x 12"	9600	1	8	None	Wacom
44	Wacom	SD-510	9.13" x 5.91"	9600	1	8	None	Wacom
45	GTCO	DigiPad	11" x 11"	9600	1	8	None	Hi-Bin
46	GTCO	DigiPad	17" x 11"	9600	1	8	None	Hi-Bin
47	GTCO	Super L	24" x 17"	9600	1	8	None	Hi-Bin
48	GTCO	Super L	36" x 24"	9600	1	8	None	Hi-Bin
49	GTCO	Super L	48" x 36"	9600	1	8	None	Hi-Bin
50	GTCO	Super L	60" x 42"	9600	1	8	None	Hi-Bin
51	GTCO	Roll Up	36" x 30"	9600	1	8	None	Hi-Bin
52	GTCO	Roll Up	48" x 36"	9600	1	8	None	Hi-Bin
53	Numonics	2200-1212	11.8" x 11.8"	9600	1	8	None	Numonics
54	Numonics	2200-1217	16.5" x 11.8"	9600	1	8	None	Numonics
55	Numonics	2200-2020	19.7" x 19.7"	9600	1	8	None	Numonics
56	Numonics	2200-2436	35.4" x 23.6"	9600	1	8	None	Numonics
57	Numonics	2200-3648	47.2" x 35.4"	9600	1	8	None	Numonics
58	Numonics	2200-4460	60" x 44"	9600	1	8	None	Numonics
59	Houston Inst.	HiPad 9012	12" x 12"	9600	1	8	Odd	MM
60	Houston Inst.	HiPad 9018	18" x 12"	9600	1	8	Odd	MM
61	Calcomp*	DrawingBoard II	7.5" x 7.5"	9600	1	8	None	Pressure
62	Calcomp*	DrawingBoard II	12" x 12"	9600	1	8	None	Pressure
63	Calcomp*	DrawingBoard II	18" x 12"	9600	1	8	None	Pressure
64	Calcomp*	DrawingBoard II	24" x 18"	9600	1	8	None	Pressure
65	Calcomp*	DrawingBoard II	36" x 24"	9600	1	8	None	Pressure
66	Calcomp*	DrawingBoard II	48" x 36"	9600	1	8	None	Pressure
67	Calcomp*	DrawingBoard II	60" x 44"	9600	1	8	None	Pressure
68	Wacom*	SD-210	25" x 18"	9600	1	8	None	Pressure
69	Wacom*	SD-31X	16.7" x 11.8"	9600	1	8	None	Pressure
70	Wacom*	SD-32X	15" x 15"	9600	1	8	None	Pressure
71	Wacom*	SD-42X	12" x 12"	9600	1	8	None	Pressure
72	Wacom*	SD-510	9.13" x 5.91"	9600	1	8	None	Pressure
73	Numonics	GraphicMaster	12" x 12"	9600	1	8	None	Numonics
74	Numonics	GraphicMaster	18" x 12"	9600	1	8	None	Numonics
75	Numonics	GridMaster	12" x 12"	9600	1	8	None	Numonics
76	Numonics	GridMaster	18" x 12"	9600	1	8	None	Numonics
77	Numonics	GridMaster	24" x 20"	9600	1	8	None	Numonics
78	AceCad	AceCat	5" x 5"	9600	1	8	Odd	MM
79	Kontron	Digicad Plus	12" x 12"	9600	2	8	None	Binary
80	Kontron	Digicad Plus	18" x 12"	9600	2	8	None	Binary
81	Kontron	Digicad Plus	24" x 17"	9600	2	8	None	Binary
82	Kontron	Digikon	12" x 12"	9600	2	8	None	Binary
83	Kontron	Digikon	18" x 12"	9600	2	8	None	Binary
84	Kontron	Digikon	24" x 17"	9600	2	8	None	Binary
85	Kontron	Digikon	20" x 20"	9600	2	8	None	Binary
86	Kontron	Digikon	30" x 20"	9600	2	8	None	Binary
87	Kontron	Digikon	36" x 24"	9600	2	8	None	Binary
88	Kontron	Digikon	48" x 36"	9600	2	8	None	Binary
89	Kontron	Digikon	60" x 42"	9600	2	8	None	Binary
90	Kontron*	Digicad Plus	12" x 12"	9600	2	8	None	Pressure
91	Kontron*	Digicad Plus	18" x 12"	9600	2	8	None	Pressure
92	Kontron*	Digicad Plus	24" x 17"	9600	2	8	None	Pressure

93	Kurta	IS/THREE	24" x 24"	9600	1	8	None	Binary 2B
94	Kurta	IS/THREE	36" x 30"	9600	1	8	None	Binary 2B
95	Kurta	IS/THREE	48" x 36"	9600	1	8	None	Binary 2B
96	Kurta	IS/THREE	60" x 42"	9600	1	8	None	Binary 2B
97	Numonics	AccuGrid	24" x 20"	9600	1	8	None	Numonics
98	Numonics	AccuGrid	36" x 24"	9600	1	8	None	Numonics
99	Numonics	AccuGrid	48" x 36"	9600	1	8	None	Numonics
100	Numonics	AccuGrid	60" x 44"	9600	1	8	None	Numonics
101	Summagraphics	SummaSketch 3	9" x 6"	9600	1	8	Odd	MM
102	Summagraphics	SummaSketch 3	12" x 12"	9600	1	8	Odd	MM
103	Summagraphics	SummaSketch 3	18" x 12"	9600	1	8	Odd	MM
104	Summagraphics	SummaGrid 3	24" x 18"	9600	2	7	Even	UIOF
105	Summagraphics	SummaGrid 3	36" x 24"	9600	2	7	Even	UIOF
106	Summagraphics	SummaGrid 3	48" x 36"	9600	2	7	Even	UIOF
107	Summagraphics	SummaGrid 3	60" x 44"	9600	2	7	Even	UIOF
108	Summagraphics	BitPad One	11" x 11"	9600	2	7	Even	BitPad
109	Summagraphics	BitPad One	15" x 15"	9600	2	7	Even	BitPad
110	Kurta	Series One	11" x 8.5"	9600	2	8	None	Format 2
111	Kurta	Series One	12" x 12"	9600	2	8	None	Format 2
112	Kurta	Series One	17" x 12"	9600	2	8	None	Format 2
113	Kurta	XLP Series	12" x 12"	9600	1	8	Odd	MM
114	Kurta	XLP Series	18" x 12"	9600	1	8	Odd	MM
115	Kurta	XLC Series	24" x 18"	9600	1	8	None	IS3/2
116	Kurta	XLC Series	36" x 24"	9600	1	8	None	IS3/2
117	Kurta	XLC Series	48" x 36"	9600	1	8	None	IS3/2
118	Kurta	XLC Series	60" x 42"	9600	1	8	None	IS3/2
119	AceCad	AceCat	12" x 12"	9600	1	8	Odd	MM
120	Mitsubishi	Grafnet 01	11.8" x 8.2"	9600	1	7	Even	Binary

Notes:

*	Denotes pressure-sensitive stylus attached.

31- 32	When used with a sixteen-button cursor, configure these devices as MicroGrids (4,5) for proper operation.

33	May also be configured as the CalComp WIZ tablet.