

# Installation procedure

H-2008-0005

21-Jan-08

Software name - Details	File name	Ahead developing folder	Installation procedure	Installation procedure - details	Related driver etc.	Related driver etc. - details	Notice
Asset Tag Entry Application	assettag_1930_22_d070967.exe	c:\util2\assettag	Others	The installation is unnecessary. Only the execution of exe.	yes	Panasonic Misc Driver,Panasonic Common Components	
Battery Recalibration Application	brecal_1930_22_d070740.exe	c:\util2\brecal	Executing "setup.exe"		no	Panasonic Common Components,Panasonic Misc Driver	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Bluetooth Stack Driver (It cannot open to the public.)					yes	Wireless Switch Utility	
CF-VEB181/CF-WEB301M LAN Driver	pr_lan_d040686.exe	c:\util2\drivers\pr_lan	Executing [Update driver..] in the device manager	<p>&lt;Preparation&gt; CF-WEB301M is connected, to Port Replicator AC Adapter is attached.</p> <p>&lt;Install driver&gt; Executing [Update driver..] in the device manager [Other devices]-[USB Device]</p>	no		<p>1. It doesn't appear in the device manager if the port replicator is not connected.</p> <p>2. Run [Update driver..] in the device manager. [Other devices]-[USB Device]-[Details]-&gt;"Device Instance Id"-&gt;USB\VID_9710&amp;PID_7830... ※Two "[Other devices]-[USB Device]" exists for the Bluetooth model. Please install Bluetooth previously in that case.</p>
CPU Idle Setting Application	cpupower_1930_22_d030520.exe	c:\util2\cpupower	Executing "setup.exe"		no		In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)
DMI Viewer Application	dmi_1930_22_d060603.exe	c:\util2\dmi	Executing "setup.exe"		no		
Fingerprint Driver	fngprint_1930_22_d060304.exe	c:\util2\drivers\fngprint	Others	<p>1.Run [Update driver..] in the device manager. [Other devices]-[Biometric Coprocessor]</p> <p>2.Make "miscfp" folder and copy "c:\util2\drivers\fngprint\miscfp\miscfp1.sys" in "c:\program files\panasonic\miscfp".</p> <p>3.Run "c:\util2\drivers\fngprint\miscfp\miscfp1.jp".</p>	no		It cannot unfold in Fingerprint non-deployment model.
Hotkey Appendix Application	hkeyapp_1930_22_d071066.exe	c:\util2\hkeyapp	Executing "setup.exe"		yes	Hotkey Driver, Hotkey Settings	
Hotkey Driver	hotkey_1930_22_d060970.exe	c:\util2\drivers\hotkey	Executing [Update driver..] in the device manager	<p>1. Run [Update driver..] in the device manager. [Other devices]-[Unknown device]</p> <p>2. "Select C:\util2\drivers\hotkey"</p>	yes	Hotkey Appendix, Hotkey Settings	<ul style="list-style-type: none"> <li>Two or more "[Other devices]-[Unknown device]" might exist.</li> <li>"Hotkey Driver" is displayed with "ACPI\MAT0019\..." by "Device Instance Id" of "[Unknown device]-&gt;[Details]".</li> </ul>

Hotkey Settings Application	hkeyset_1930_22_d070184.exe	c:\util2\hkeyset	Executing "setup.exe"		yes	Hotkey Driver, Hotkey Appendix	
Icon Enlarger Application	ienlarge_1930_22_d040234.exe	c:\util2\ienlarge	Executing "setup.exe"		no		
Intel(R) Extended Thermal Model Driver	etm_1930_22_d071197.exe	c:\util2\drivers\etm	Executing "setup.exe"		no		
LAN Driver	lan_1930_22_d070775.exe	c:\util2\drivers\lan	Others	Run "c:\util2\drivers\lan\SetupYukonWinC_5X6N.exe"	no		
Loupe Utility Application	loupe_1930_22_d070025.exe	c:\util2\loupe	Executing "setup.exe"		yes	Panasonic Misc Driver,Panasonic Common Components	
Matrix storage Manager Driver	ahci_1930_22_d070319.exe	c:\util2\drivers\ahci	Executing "setup.exe"		no		When clean installing it, "S-ATA HDD Driver" is necessary.
Modem Driver	modem_1930_22_d061185.exe	c:\util2\drivers\modem	Executing [Update driver..] in the device manager	[Other devices]-[Modem Device on High Definition Audio Bus]	yes	Sound Driver	Install Sound Driver first.
MS Update Module(Q888111)	q888111_d050984.exe	c:\util2\msupdate\q888111	Others	1. Executing "kb888111xpsp2.exe" 2. It installs it according to the screen display.	yes	HD Audio Driver(Sound,Modem)	Only English edition XP SP2 correspondence. In order to use HD Audio Driver with XP SP2, installation of this module is needed.
OS INF File Driver	inf_1930_22_d070388.exe	c:\util2\drivers\intelinf	Executing "setup.exe"		no		Please install OS INF file before installing all drivers and all applications.
Panasonic Common Components Application	pcommon_1930_22_d070182.exe	c:\util2\pcommon	Executing "setup.exe"		yes	Asset Tag Entry,Battery Recalibration,Loupe Utility,PC Information Viewer,Wireless Switch Utility	Install "Panasonic Common Components" and "Panasonic Misc Driver" before installing "Relating driver and application".
Panasonic Hand Writing Application	writing_1930_22_d070818.exe	c:\util2\writing	Executing "setup.exe"		no		
Panasonic Misc Driver C	newmisc_19_2_d070614.exe	c:\util2\drivers\newmisc	Executing [Update driver..] in the device manager	1.Executing [Update driver..] in the device manager. [Other devices]-[Unknown devices]] 2. Run "Update driver". 3. Select "c:\util2\drivers\newmisc".	yes	Relating driver and application.	• Install "Panasonic Common Components" and "Panasonic Misc Driver" before installing "Relating driver and application".
PC Information Popup Application	ppopup_1930_22_d071140.exe	c:\util2\ppopup	Executing "setup.exe"		yes	Panasonic Misc Driver,Panasonic Common Components,PC Information Viewer	• "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously. • Install PC Information Viewer. (However, execute "Panasonic Misc Driver" and "Panasonic Common Components Application" previously. ) • In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)

PC Information Viewer Application	pcinfo_1930_22_d071151.exe	c:\util2\pcinfo	Executing "setup.exe"		no	Panasonic Common Components,Panasonic Misc Driver	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Power Saving Utility Application	setpsave_19_2_d071419.exe	c:\util2\setpsave	Executing "setup.exe"		yes	Panasonic Misc Driver, Panasonic Common Components, Video Driver,Sound Driver,LAN Driver	<ul style="list-style-type: none"> <li>• "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.</li> <li>• Install Video Driver、Sound Driver、LAN Driver. (However, execute "Panasonic Misc Driver" and "Panasonic Common Components Application" previously. )</li> </ul>
Recover Pro Application	rcvpro_30_2_d070525.exe	c:\util2\rcvpro	Executing "setup.exe"		yes		In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)
S-ATA HDD Driver	f6fd_74_3_d070637.exe	c:\util2\drivers\f6fd	Others	<a href="https://www.pavc.panasonic.co.jp/pc/cgi-bin/itm/members/toughbook-pt/dl02.cgi?main=13332">https://www.pavc.panasonic.co.jp/pc/cgi-bin/itm/members/toughbook-pt/dl02.cgi?main=13332</a>	no	Matrix storage Manager	Only for clean installtion of Windows. Select "Intel(R) 82801HEM/HBM SATA AHCI Controller (Mobile ICH8M-E/M)" at a scene to select the driver which install.
SD Secure DLL Driver	sda_1930_22_d061045.exe	c:\util2\drivers\sd	Others	1. Make "sda" folder in "C:\Windows\system32\". 2. Copy "C:\UTIL2\drivers\sd\sdpabus.dll" to "C:\Windows\system32\sda".	yes	SD Utility	
SD Utility Application	sdkey_1930_22_d071087.exe	c:\util2\sdkey	Executing "setup.exe"		yes	SD Secure DLL	
Set GPS Registry tool Application (Addition)	gps_1930_22_d070917.exe	c:\util2\drivers\gps	Others	1. GPS is set to Disabled with BIOS Setup. 2. Reboot the computer. and GPSVista.reg is executed. 3. OS is ended once. GPS is set to Auto with BIOS Setup. 4. Reboot the computer.	no		Please execute it for the model by whom GPS is installed.
Smart Card Driver	smartc_30_2_d060630.exe	c:\util2\drivers\smartc	Executing "setup.exe"		no		
Sound Driver	sound_1930_22_d070966.exe	c:\util2\drivers\sound	Others	1. Run "c:\util2\drivers\sound\setup.exe". 2. Run "C:\util2\drivers\sound\ADIsound.js". 3. Reboot the computer.	yes	Modem Driver	It is necessary to install "MS Update Module(Q888111)" before this driver is installed.
Touch Pad Driver	mouse_1930_22_d060584.exe	c:\util2\drivers\mouse	Executing [Update driver..] in the device manager	[Mice and other pointing devices]-[PS/2 Compatible Mouse]	no		
Touchscreen Driver	tsscreen_30_2_d070882.exe	c:\util2\drivers\tsscreen	Others	1. Run "c:\util2\drivers\tsscreen\ftsetup.exe" The driver is installed with OK. 2.Do calibration from [start]-[All Programs]-[Fujitsu Touch Panel(USB)]-[Touch Screen Calibration Utility].	no		<ul style="list-style-type: none"> <li>• Please check by a device manager.</li> <li>• "[Human Interface Device]-[Fujitsu Touch Panel]-[Details]-[Device Instance Id]" must be "USB\VID_0430&amp;PID_0501..."</li> </ul>

TPM Driver	tpm_1930_22_d051137.exe	c:\util2\drivers\tpm	Executing [Update driver..] in the device manager	1. Open the property of "[Other devices]->[Unknown device]". 2. Executing [Update driver..] 3. Please select "c:\util2\drivers\tpm".	no		<ul style="list-style-type: none"> <li>• As for details please refer to "C:\util2\drivers\tpm\README.PDF"</li> <li>• Only TPM model.</li> <li>• Two or more "[Other devices]-[Unknown device]" might exist.</li> <li>• "TPM Driver" is displayed with "ACPI\NFX0102\1" by "Device Instance Id" of "[Unknown device]-&gt;[Details]".</li> </ul>
Video Driver	video_1930_22_d071156.exe	c:\util2\drivers\video	Others	1. Run "c:\util2\drivers\video\setup.exe". 2. Executing "c:\util2\video2\VGAUp.bat" 3. Reboot the computer.	no		
Wireless Connection Disable Utility Application	wdisable_1930_22_d071157.exe	c:\util2\wdisable	Executing "setup.exe"		yes	Panasonic Misc Driver,Panasonic Common Components,Wireless Switch Utility	<ul style="list-style-type: none"> <li>• "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.</li> <li>• Install Wireless Switch Utility. (However, execute "Panasonic Misc Driver" and "Panasonic Common Components Application" previously. )</li> <li>• In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)</li> </ul>
Wireless LAN Driver	wlan_1930_22_d071118.exe	c:\util2\drivers\wlan	Others	Run "c:\util2\drivers\wlan\XP\Apps\vx32\install.bat"	yes	Wireless Switch Utility	Only wireless LAN model can develop.
Wireless LAN Driver (Update)	wlan_d080215.exe		Others	<a href="https://www.pavc.panasonic.co.jp/pc/cgi-bin/tn/members/toughbook-pt/dl02.cgi?main=13960">https://www.pavc.panasonic.co.jp/pc/cgi-bin/tn/members/toughbook-pt/dl02.cgi?main=13960</a>	no		
Wireless Switch Utility Application	wswitch_1930_22_d071067.exe	c:\util2\wswitch	Executing "setup.exe"		yes	Bluetooth Stack,Wireless LAN Driver,Panasonic Common Components,Panasonic Misc Driver,Hotkey Appendix,Hotkey Driver	<ul style="list-style-type: none"> <li>• "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.</li> <li>• Install Hotkey Appendix and Hotkey Driver. (However, execute "Panasonic Misc Driver" and "Panasonic Common Components Application" previously. )</li> </ul>
Wireless Switch Utility Application (Update)	wswitch_1930_22_d071546.exe	c:\util2\wswitch	Executing "setup.exe"		yes	Bluetooth Stack,Wireless LAN Driver,Panasonic Common Components,Panasonic Misc Driver,Hotkey Appendix,Hotkey Driver	<ul style="list-style-type: none"> <li>• "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.</li> <li>• Install Hotkey Appendix and Hotkey Driver. (However, execute "Panasonic Misc Driver" and "Panasonic Common Components Application" previously. )</li> </ul>

Wireless WAN Antenna Switch Utility Application	wwanasw_30_2_d070302.exe	c:\util2\wwanasw	Executing "setup.exe"		no		In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)
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