
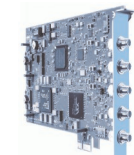
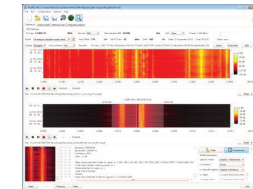


# Product Summary


## Software

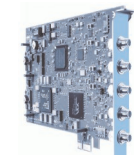
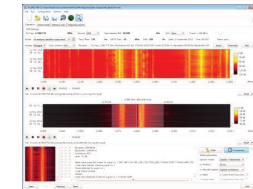
Product	Product code	Description	
 <b>W-SPECTRA-WB</b>	WSPWBSYS (5A001.f1)	<p>Complete automatic monitoring system HF/VHF/UHF/SHF, including Wavecom W-PCIe receiver                      Direct receiver control, wideband (2 MHz) and narrowband (96 kHz) IQ media player / recorder, automatic database capturing                      With all decoders as in W-CODE                      With wideband signal classifier W-Classifer-WB, 96 kHz frequency span                      Covers all functionalities of the narrowband classifier  <i>Option: W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis)</i>                      For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008                      One year free releases and bug fixes. Two years hardware warranty</p>	
	WSPECWB (5D001.a)	<p>Complete automatic monitoring system HF/VHF/UHF/SHF                      Software only, receiving device not included                      Direct receiver control, wideband (2 MHz) and narrowband (96 kHz) IQ media player / recorder, automatic database capturing                      With all decoders as in W-CODE                      With wideband signal classifier W-Classifer-WB, 96 kHz frequency span                      Covers all functionalities of the narrowband classifier  <i>Option: W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis)</i>                      For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008                      One year free releases and bug fixes</p>	
	WSPEED (n/a)	<p>W-SPEED spectrum editing tool included                      Wideband sonagram signal display and two-dimensional spectrum cut (time and frequency domains) for signal classification and decoding</p>	
	Software maintenance per year	WSPECSM (5D001.a)	Software update service, max 5 years
	Hardware maintenance per year	WSPECHM (n/a)	Hardware warranty service, max 5 years



# Product Summary


## Software

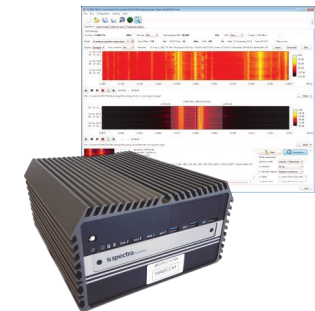
Product	Product code	Description	
 <b>W-SPECTRA</b>	WSPECSYS (5A001.f1)	<p>Complete automatic monitoring system HF/VHF/UHF/SHF, including Wavecom W-PCIe receiver                      Direct receiver control, wideband (2 MHz) and narrowband (96 kHz) IQ media player / recorder, automatic database capturing                      With all decoders as in W-CODE  <i>Option: W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis), W-Classifier-WB</i>                      For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008                      One year free releases and bug fixes                      Two years hardware warranty</p>	
	WSPECTRA (5D001.a)	<p>Complete automatic monitoring system HF/VHF/UHF/SHF                      Software only, receiving device not included                      Direct receiver control, wideband (2 MHz) and narrowband (96 kHz) IQ media player / recorder, automatic database capturing                      With all decoders as in W-CODE  <i>Option: W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis), W-Classifier-WB</i>                      For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008                      One year free releases and bug fixes</p>	
	WSPEED (n/a)	<p>W-SPEED spectrum editing tool included                      Wideband sonagram signal display and two-dimensional spectrum cut (time and frequency domains) for signal classification and decoding</p>	
	Software maintenance per year	WSPECSM (5D001.a)	Software update service, max 5 years
	Hardware maintenance per year	WSPECHM (n/a)	Hardware warranty service, max 5 years



# Product Summary


## Software and Hardware

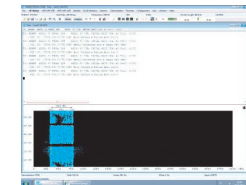
Product	Product code	Description
 <b>W-SPECTRA-LAN</b>	WSPLAN (5A001.f1)	<p>Robust box stand alone automatic spectrum monitoring system on a mobile PC (Intel Core i7-6700TE, 2.4 GHz, 8 GB RAM, 250 GB HDD, 1000 GB SSD, Windows 7, 64-bit)</p> <p>Complete automatic monitoring system HF/VHF/UHF/SHF. Direct receiver control, wideband (2 MHz) and narrowband (96 kHz) IQ media player / recorder, automatic database capturing. With all decoders as in W-CODE  <i>Option: W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis), W-Classifier-WB</i></p> <p>One year free releases and bug fixes. Two years hardware warranty</p>
	WSPLANRX (5A001.f1)	<p>Robust box stand alone automatic spectrum monitoring system on a mobile PC (Intel Core i7-6700TE, 2.4 GHz, 8 GB RAM, 250 GB HDD, 1000 GB SSD, Windows 7, 64-bit)</p> <p>Complete automatic monitoring system HF/VHF/UHF/SHF, including Wavecom W-PCIe receiver. Direct receiver control, wideband (2 MHz) and narrowband (96 kHz) IQ media player / recorder, automatic database capturing. With all decoders as in W-CODE  <i>Option: W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis), W-Classifier-WB</i></p> <p>One year free releases and bug fixes. Two years hardware warranty</p>
	WSPEED (n/a)	<p>W-SPEED spectrum editing tool included</p> <p>Wideband sonagram signal display and two-dimensional spectrum cut (time and frequency domains) for signal classification and decoding</p>
	Software maintenance per year	WSPLANSM (5D001.a)
Hardware maintenance per year	WSPLANHM (n/a)	Hardware warranty service, max 5 years



# Product Summary

## Software

Product	Product code	Description
	WCODE (5D001.a)	Standard decoder software for all products Client and server license For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008 <i>Option:</i> W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis) One year free releases and bug fixes
	W-CLOUDC (n/a)	W-CLOUD Option (included) Network decoding over Intranet, Extranet and Internet
	Software maintenance per year WCODESM (5D001.a)	Software update service, max 5 years
<b>W-Package HF</b> <b>W-Package SAT</b> <b>W-Package VHF/UHF</b> <b>W-Package FAX-G3 and Modem's</b>	GW-OFDM, CHN4+4, LINK-11, PACTOR-II, PACTOR-III, PACTOR-4, CODAN-3212, CODAN-9001, CLOVER-2, CLOVER-2000, CLOVER-2500 SAT-AERO, SAT-B, SAT-B-HSD, SAT-C, SAT-M, SAT-mM TETRA, TETRAPOL, APCO-25, DMR, dPMR, NXDN, AIS, VDL-M2, BIIS, X.25, MOBITEX-1200, MOBITEX-8000 FAX-G3 V.17 to V.34hdx full auto mode, modems V.26 to V.92 full auto mode	
<b>W-Live Voice (LV)</b>	WLV (n/a)	Vocoder live voice output to the speaker Option for W-CODE, W74PC, W-PCle, W-PCI and W-SPECTRA
<b>W-Decryption</b>	WCPT (5D001.a)	End-to-end decryption option to output clear voice and text Option for W-CODE, W74PC, W-PCle, W-PCI and W-SPECTRA



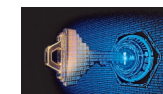
*included*

*included*



*included*

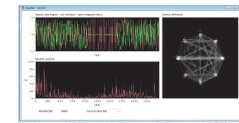
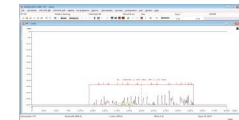
*included*



# Product Summary


Software		
Product	Product code	Description
Source code	WSRC (5D001.a)	Source code for W74PC, W-CODE, W-PCIe, W-PCI, W74LAN, W-PCIe-LAN and W-PCI-LAN Complete code with all demodulators and modes One year free releases and bug fixes
Software maintenance per year	WSRCSM (5D001.a)	Software update service, max 5 years
<b>W-Spectrum-Analysis (SA)</b>	WSA (n/a)	Spectrum analysis tool (96 kHz bandwidth) Option for W-CODE, W74PC, W-PCIe, W-PCI and W-SPECTRA One year free releases and bug fixes
Software maintenance per year	WSASM (n/a)	Software update service, max 5 years
<b>W-Classifier-NB</b>	WCLNB (n/a)	Narrowband signal classifier (8 kHz frequency span) Option for W-CODE, W74PC, W-PCIe, W-PCI, W74LAN, W-PCIe-LAN and W-PCI-LAN. One year free releases and bug fixes
Software maintenance per year	WCLNBSM (n/a)	Software update service, max 5 years
<b>W-Classifier-WB</b>	WCLWB (n/a)	Wideband signal classifier (96 kHz frequency span) Covers all functionalities of the narrowband classifier W-Classifier-NB Option for W-SPECTRA, W-CODE, W74PC, W-PCIe, W-PCI, W74LAN, W-PCIe-LAN and W-PCI-LAN. One year free releases and bug fixes
Software maintenance per year	WCLWBSM (n/a)	Software update service, max 5 years

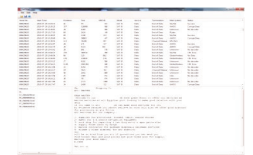
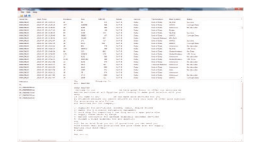
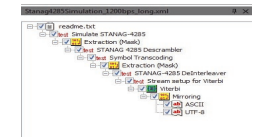
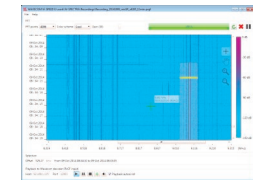
```
void ImageDetection::setAlarmSignal(Report, int report, int x, int y)
{
    int i;
    const char *bufferTempAlarmNewAssigned(char data*data="");
    for (i=0; i<data.length(); i++)
        bufferTempAlarmNewAssigned+=bufferTempAlarmNewAssigned[i];
}
for (int i=0; i<data.length(); i++)
    for (int j=0; j<data.length(); j++)
        bufferTempAlarmNewAssigned+=bufferTempAlarmNewAssigned[i];
}
```



# Product Summary


## Software

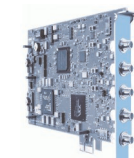
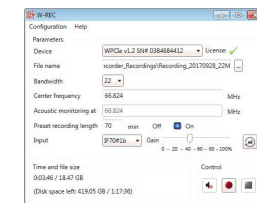
Product	Product code	Description
 <b>W-SPEED</b>	WSPEED (n/a)	Spectrum Editing tool Wideband sonagram display of an IQ recording, 32 x zoom-in view, selectable display bandwidth 250 kHz to 24 MHz Two-dimensional spectrum cut in time and frequency domains for signal classification and decoding For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008 All software updates included
<b>W-BitView</b>  Software maintenance per year	WBV (n/a)  WBVSM	Stand alone bit-level analysis tool One year free releases and bug fixes  Software update service, max 5 years
<b>W-SAT-email-Decoder</b>  Software maintenance per year	WSATDEC WSATDECL (n/a)  WSATSM	Satellite e-mail message decoding software, Windows version Satellite e-mail message decoding software, Linux version One year free releases and bug fixes  Software update service, max 5 years
<b>W-SAT-email-Decoder DLL</b>  Software maintenance per year	WSATDLL (n/a)  WSATSM	Satellite e-mail decoder software, including application sample One year free releases and bug fixes  Software update service, max 5 years



# Product Summary

## Software

Product	Product code	Description
<b>W-CLOUD</b>	W-CLOUD (n/a)	Intranet, Extranet and Internet server For Windows 7 © 32-bit and 64-bit and Windows © Embedded Compact
<b>Wavecom Virtual Audio Cable (W-VAC)</b>	WVAC (n/a)	Wavecom virtual audio device. For Windows XP and 7 systems
 <b>W-REC</b>	WRECSYS (n/a)	Wideband signal recorder. Complete system, including W-PCIe card as a recording device Recording on AFIF#1, AFIF#2, IF70#1a, IF70#1b and IF70#2 inputs, max. recording bandwidth 22 MHz. For Windows 7 © 32-bit and 64-bit One year free releases and bug fixes Two years hardware warranty
	WREC (n/a)	Wideband signal recorder software, for W-PCIe card as a recording device. Software only, W-PCIe hardware not included Recording on AFIF#1, AFIF#2, IF70#1a, IF70#1b and IF70#2 inputs, max. recording bandwidth 22 MHz. For Windows 7 © 32-bit and 64-bit One year free releases and bug fixes
	Software maintenance per year	WRECSM Software update service, max 5 years
	Hardware maintenance per year	WRECHM Hardware warranty service, max 5 years



# Product Summary

## Hardware and Software

Product	Product code	Description
<b>W74LAN</b>	W74LAN (5A001.f1)	Robust box stand alone decoder system on a mobile PC (Intel Core i7-6700TE, 2.4 GHz, 8 GB RAM, 250 GB HDD, 1000 GB SSD, Windows 7, 64-bit). Supports simultaneous dual instance decoding (see WHWL2)
Software maintenance per year	W74LANSM (5D001.a)	W74PC software includes all functionalities of W-CODE, with W-CLOUD option. W74PC card with an in-card license. All components pre-installed <i>Option:</i> W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis) One year free releases and bug fixes. Two years hardware warranty Software update service, max 5 years
Hardware maintenance per year	W74LANHM (n/a)	Hardware warranty service, max 5 years
<b>W-PCIe-LAN</b>	WLANEPM2 (5A001.f1)	Robust box stand alone decoder system on a mobile PC (Intel Core i7-6700TE, 2.4 GHz, 8 GB RAM, 250 GB HDD, 1000 GB SSD, Windows 7, 64-bit). Supports simultaneous dual channel decoding (see WHWL2)
Software maintenance per year	WLANEPSM (5D001.a)	W-PCIe software includes all functionalities of W-CODE, with W-CLOUD option. W-PCIe card with an in-card license. All components pre-installed <i>Option:</i> W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis) One year free releases and bug fixes. Two years hardware warranty Software update service, max 5 years
Hardware maintenance per year	WLANEPHM (n/a)	Hardware warranty service, max 5 years





# Product Summary

## Hardware and Software

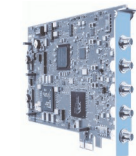
Product	Product code	Description
<b>W-PCI-LAN</b>	WLANPM2 (5A001.f1)	Robust box stand alone decoder system on a mobile PC (Intel Core i7-6700TE, 2.4 GHz, 8 GB RAM, 250 GB HDD, 1000 GB SSD, Windows 7, 64-bit). Supports simultaneous dual channel decoding (see WHWL2)
Software maintenance per year	WLANPSM (5D001.a)	W-PCI software includes all functionalities of W-CODE, with W-CLOUD option. W-PCI card with an in-card license. All components pre-installed <i>Option:</i> W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis) One year free releases and bug fixes. Two years hardware warranty  Software update service, max 5 years
Hardware maintenance per year	WLANPHM (n/a)	Hardware warranty service, max 5 years
<b>W74PC</b>	W74PC (5A001.f1)	Four channel PCI Express x4 bus PC card with in-card license W74PC software includes all functionalities of W-CODE. Supports simultaneous dual instance decoding (see WHWL2) <i>Option:</i> W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis) For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008 One year free releases and bug fixes Two years hardware warranty
Software maintenance per year	W74PCSM (5D001.a)	Software update service, max 5 years
Hardware maintenance per year	W74PCHM (n/a)	Hardware warranty service, max 5 years



# Product Summary

## Hardware and Software

Product	Product code	Description	
<b>W-PCIe</b>	WPCIE (5A001.f1)	Dual channel PCI Express x1 bus PC card with in-card license W-PCIe software includes all functionalities of W-CODE. Supports simultaneous dual channel decoding (see WHWL2) <i>Option:</i> W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis) For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008 One year free releases and bug fixes Two years hardware warranty	
	WPCIESW (5D001.a)	Decoder software for W-PCIe card, includes all functionalities of W-CODE Software only, W-PCIe card not included For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008 One year free releases and bug fixes	
	Software maintenance per year	WPCIESM (5D001.a)	Software update service, max 5 years
	Hardware maintenance per year	WPCIEHM (n/a)	Hardware warranty service, max 5 years
<b>W-PCI</b>	WPCI (5A001.f1)	Dual channel PCI 32-bit bus PC card with in-card license W-PCI software includes all functionalities of W-CODE. Supports simultaneous dual channel decoding (see WHWL2) <i>Option:</i> W-LV (Live Voice), W-Decryption, W-SA (Spectrum Analysis) For Windows 7 © 32-bit and 64-bit, XP, 8.1, 10 and Server 2008 One year free releases and bug fixes Two years hardware warranty	
	Software maintenance per year	WPCISM (5D001.a)	Software update service, max 5 years
	Hardware maintenance per year	WPCIHM (n/a)	Hardware warranty service, max 5 years



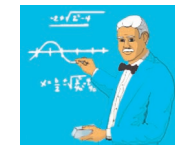
# Product Summary

## Hardware and Software

Product	Product code	Description
WHWL2	WHWL2 (5D001.a)	Second license for simultaneous decoding on a hardware decoder. Available for W-PCI, W-PCIe and W74PC cards

## Training

W-Signal-Library	WSIGLIB (n/a)	More than 3,500 reference signal recordings Delivered on 64 GB USB flash stick
Operator Training	WOPTRPP (5E001.a)	Training course for all products, charged per day Accommodation and travel are offered separately
XML-RCI Training	WOPXLPP (n/a)	Remote Control Interface Training and introduction, charged per day Accommodation and travel are offered separately
Printed manual	WMANUAL	Complete printed manual, including delivery by mail
Software delivered on DVD	WDVDMAIL	Delivery by mail (authorized customers only)
Software delivered on DVD	WDVDCOUR	Delivery by courier service (authorized customers only)



# Product Summary

## System Requirements

	<i>Minimum</i>	<i>Recommended</i>
CPU	Core i5 or Core i7 2.8 GHz	Core i7-6700 3.4 GHz
Memory	At least 8 GB RAM	16 - 32 GB RAM
OS	Windows 7	Windows 10, 32-bit or 64-bit



## Ordering Information

- ◆ Product with ECCN requires an export permit from the Swiss government. An End-User Certificate (EUC) is required at the time of order
- ◆ For a binding offer please request a pro-forma invoice
- ◆ Offers are available in CHF, EUR or USD



# Product Summary

Since more than thirty years Wavecom Elektronik AG has developed, manufactured and distributed high quality devices and software for the decoding and retrieval of information from wireless data communication in all frequency bands. The nature of the data

communication may be arbitrary, but commonly contains text, images and voice. The company is internationally established within this industry and maintains a longstanding, world-wide network of distributors and business partners.

## Product Information

Products	<a href="http://www.wavecom.ch/product-summary.php">http://www.wavecom.ch/product-summary.php</a>
Datasheets	<a href="http://www.wavecom.ch/brochures.php">http://www.wavecom.ch/brochures.php</a>
Specifications	<a href="http://www.wavecom.ch/product-specifications.php">http://www.wavecom.ch/product-specifications.php</a>
Documentation	<a href="http://www.wavecom.ch/manuals.php">http://www.wavecom.ch/manuals.php</a>
Online help	<a href="http://www.wavecom.ch/content/ext/DecoderOnlineHelp/default.htm">http://www.wavecom.ch/content/ext/DecoderOnlineHelp/default.htm</a> <a href="http://www.wavecom.ch/content/ext/MonitoringSystemOnlineHelp/default.htm">http://www.wavecom.ch/content/ext/MonitoringSystemOnlineHelp/default.htm</a>
Software warranty	One year free releases and bug fixes, update by DVD
Hardware warranty	Two years hardware warranty
Prices	<a href="http://www.wavecom.ch/contact-us.php">http://www.wavecom.ch/contact-us.php</a>



## Distributors and Regional Contacts

You will find a list of distributors and regional contacts at	<a href="http://www.wavecom.ch/distributors.php">http://www.wavecom.ch/distributors.php</a>
---	---



WAVECOM ELEKTRONIK AG  
8090 Zurich, Switzerland  
E-Mail: [sales@wavecom.ch](mailto:sales@wavecom.ch)  
Internet: [www.wavecom.ch](http://www.wavecom.ch)