

RF-6710W**WIRELESS MESSAGE
TERMINAL**

*automatically sends
e-mail data across
radio frequency links using
STANAG 5066 and
STANAG 4538*

The RF-6710W Wireless Message Terminal software package integrates Harris-developed robust data transmission techniques with Commercial-Off-the-Shelf software for fast and reliable information transfer. It has the capabilities of the RF-6750W Wireless Gateway, but does not interface to Local Area Network.

When installed on a Harris- or customer-provided PC, the RF-6710W forms a multi-media messaging system that provides transparent relay of e-mail and files over media prone to errors. It also automatically relays messages if the first route is blocked.

For HF e-mail messages, the RF-6710W allows one of three protocols / waveforms to be used on the air: STANAG 5066 is the second generation NATO interoperability standard, STANAG 4538 is the third generation interoperability standard, and FED-STD-1052 is used for interoperability with legacy Harris Wireless products.

The RF-6710W-based systems extends the "Home Base " to remote locations not easily accessed by existing communication lines. To the user, the RF-6710W operates like a standard PC with email. The RF-6710W automatically sends messages and data to the final destination, adaptively using different channels; i.e., messages may be transmitted to a relay point by HF radio and to the final destination by commercial telephone.

In addition to e-mail, the Wireless Message Terminal includes the HUITSMail™ imaging application, an Outlook Extension that has many of the capabilities of the industry standard Harris Universal Imaging Transmission Software (HUITSTM™). It captures, manipulates, and sends high resolution images directly from the Outlook application and enables transmission of high-resolution digital images using the Wireless e-mail system. HUITSMail includes wavelet compression that provides superior compression to JPEG. It translates between files in several formats. The software supports the industry standard TWAIN interface for acquiring imagery from digital cameras or scanners.

The software runs under the Microsoft Windows 2000 Professional or Windows XP Professional operating system. It includes a CD-ROM with installation software, a PCI or PC card (PCMCIA) synchronous communications card, and a manual.

**STANAG 5066
STANAG 4538**

Specifications for the RF-6710W

General

Fax Interfaces	Via telephone line connection
Encryption Supported	In-line encryption using KG-84A, KG-84C, KY-99, KY-57, KIV-7, KY-58, KY-68, Off-line, end-to-end (i.e. S/MIME, PGP), Encryption embedded in radios
Logging/Archiving	Incoming and outgoing messages, radio and modem activities
Message Management	Automatic resend of messages over alternate paths and media, configurable transmission times, random retry period for message retry, message ganging to same location
Image Processing	Zoom, crop, rotate, color/brightness adjust, histogram equalization, image annotations, symbol overlays
Image Formats	Harris wavelet, JPG, BMP, MAC, TIF, PNG

Applicable Standards

Automatic Link Establishment	MIL-STD-188-141A, STANAG 4538
HF Modem	MIL-STD-188-110B, MIL-STD-188-110A, STANAG 4539, STANAG 4538
HF Data Links	STANAG 5066, FED-STD-1052, STANAG 4538,(IF embedded in radio)
Messaging Interface	SMTP, POP3
Software Technology	ActiveX, COM, MFC

Ordering Information

RF-6710W-XXEN*	English Series
Where XX is	02 for PC Card version (PCMCIA) 04 for PCI Version 03 for Asynchronous (RDP) versions

*Software may be available in other languages. Please contact sales or product management for a description of the functionality of the non-English versions.

Harris Equipment Interface

Radios	RF-5800H, PRC-150C, RF-5800V, PRC-117F, RF-5800M/U, RF-5022E, RF-5022, PRC-138, RF-1145, RF-7210 Based
HF Modems	RF-5710, RF-5710A, RF-5285
Power Levels	10W, 20W, 125W, 400W, 1kW, 5kW, 10kW

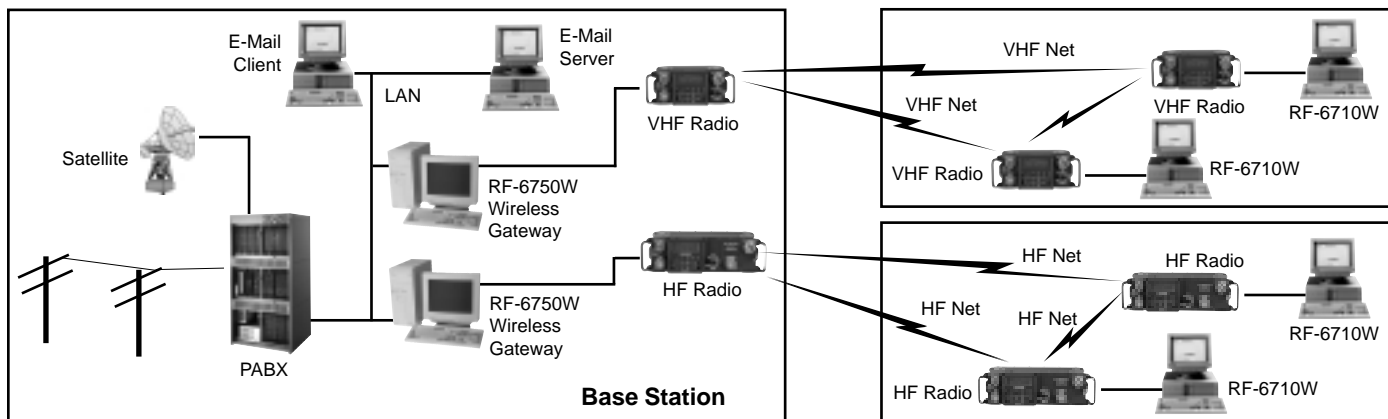
Options

RF-3577	Series of Personal Computers
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Minimum PC Requirements

CPU	400 MHz
RAM/Hard Disk	256 MB/10GB
Operating System	Windows 2000 Professional or Windows XP Professional (English only)
Other	Asynchronous serial port (2 ports with external radio modem) Ethernet adapter, PCI or PC Card slot

Sample Application



Specifications are subject to change without notice.



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