



### FEATURES

### BENEFITS

Full Free To View DVB compatibility

Receive all the latest Freeview channels, benefit from vastly improved picture and sound quality

Automatic tuning and channel set up

Simple plug-and-play system for easy access to Digital TV (Subject to Postcode and Aerial condition)

User friendly menu

Easy and intuitive navigation

MHEG Digital Teletext

Access to Digital text and Interactive services (BBCi, etc...)

Twin Tuner

Watch-one Record-one (Live)  
Record 2 + watch previous recording

40GB Hard Drive (Up to 40hrs in LP recording)

No need for VCR

7 day Electronic Programme Guide

Plan viewing / recording up to 7 days ahead

# THOMSON

## DHD 4000

### Technical data:

<b>BRAND</b>	
Brand	THOMSON
<b>DESIGN</b>	
Color	Silver / Black
<b>TERRESTRIAL DEMODULATION</b>	
Waveform	COFDM 2K or 8K
Guard intervals	1/4, 1/8, 1/16, 1/32
Demodulation	QAM 16-64
Bandwidth (MHz)	8
Freq Range	450MHz UHF IV-V
<b>MPEG VIDEO DECODER</b>	
Decompression	MPEG 2 MP@ML
Transfer rate (in Mbps) up to	15
Aspect ratio	16:9, 4:3 Pan&Scan / letter box
Video scaling	1/4, 1/16, 1/64
<b>MPEG AUDIO DECODER</b>	
Decompression	MPEG layers 1 & 2
Transfer rate (in Kbps) up to	384
Sampling freq. (in KHz)	32 / 44.1 / 48
Modes	Mono, dual channels, stereo
Dolby Digital	-
<b>OSD GRAPHICS</b>	
Colors	16 / 256
Transparency levels	16
Graphics layers	3
Graphic overlay	MPEG stills
<b>SYSTEM RESSOURCES</b>	
Processor	STi5514
Frequency (in MHz)	180
System RAM (in MBytes)	16
Video / OSD memory (in MBytes)	8
Flash (in MBytes)	4
<b>TELETEXT AND SUBTITLES</b>	
Teletext reinsertion	-
Teletext decoding	-
Teletext subtitling decoding	-
DVB graphic subtitling decoding	Yes
<b>LOADER</b>	
Download process	Over the air
<b>SOFTWARE</b>	
Middleware	Thomson
Navigator	Thomson
Access control embedded	-
Common Interface number	-
Common Interface compatibility	-
<b>USER CONVENIENCE</b>	
Set up Menu	Install/diagnosis/parental control
Electronic Program Guide	7 Day
Multilingual (UI, teletext)	English
Favorites list	Yes
Timer	Yes
<b>TELEPHONE MODEM</b>	
Type	-
<b>CONNECTORS</b>	
RF input	IEC type female + Loop
RF output	IEC type male (loop through)
SCART socket	TV / VCR (with RGB loophthrough)
Audio output	Twin RCA phono
Digital audio output	Yes (Coax & Optical)
Video output	S-Video
Serial port	-
Smart card reader number	-
Display	15 LED's
Buttons	9
RF modulator	Yes (CH 21-69)
USB	-
Modem socket	-
<b>ACCESSORIES</b>	
Remote control	Full (Dolphin)
SCART cable (in m)	Yes (1.2m min)
Modem cable ( in m)	-
Mains cord (in m)	Yes (1.5m min)
HiFi cord	-
Batteries	2 X AAA
Adaptors	-

RF cable	Yes
Miscellaneous	Adaptor
<b>GENERAL DATA</b>	
Safety & EMC	CE compliant
MTBF (in hours)	> 45000
Operating temperature	+ 5°C to + 45°C
Storage temperature	-20°C to + 70°C
Mains voltage	230 Volts +/- 10% (48-62 Hz)
	25
Standby consumption (in Watt)	-
Instruction booklet	Yes
Dimensions (W x H x D) in mm	360 x 54 x 234
Packaging dimensions (WxHxD) in mm	417 x 134 x 300
Barcode (EAN13)	3244480142998