

airway HD

H.264



Inkel Corp.

1. AirwayHD

Inkel AirwayHD HDTV TV USB
HDTV , 가 가 ,
. , Inkel AirwayHD Time Shift, EPG HDTV

1.1. AirwayHD

< >
: ATSC / NTSC
: , , DVD, VHS
: 30() X 90() X 20()
: USB 2.0, F-Connector, Composite
: 1920 X 1080i
: 16:9, 4:3
OS : Windows2000, Windows XP, Windows Vista(32bit/64bit)
: AC3, Stereo

< 가 >
- ,
- H.264
- H.264
- De-interlace (Full HD)
- iPod PSP MP4
-
- PC (PVR)
- , Time-Shift
- (Composite) (, DVD)

1.2.

Inkel AirwayHD

CPU : Intel Pentium IV 2.4G / Pentium M 1.3G

Memory : 256MB

HDD : Ultra DMA 66 HDD

PC Interface : USB 2.0

Software CD-ROM

MS

DirectX9.0

DirectX9.0 VGA

(OS) : Windows 2000 / XP / Vista(32bit/64bit)

Microsoft DirectX 9.0

가

PC

가

1.3.

AirwayHD

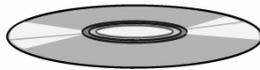
Inkel AirwayHD

AirwayHD: AirwayHD TV

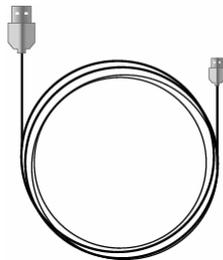


CD: AirwayHD

CD



USB : AirwayHD PC USB



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VHF/UHF



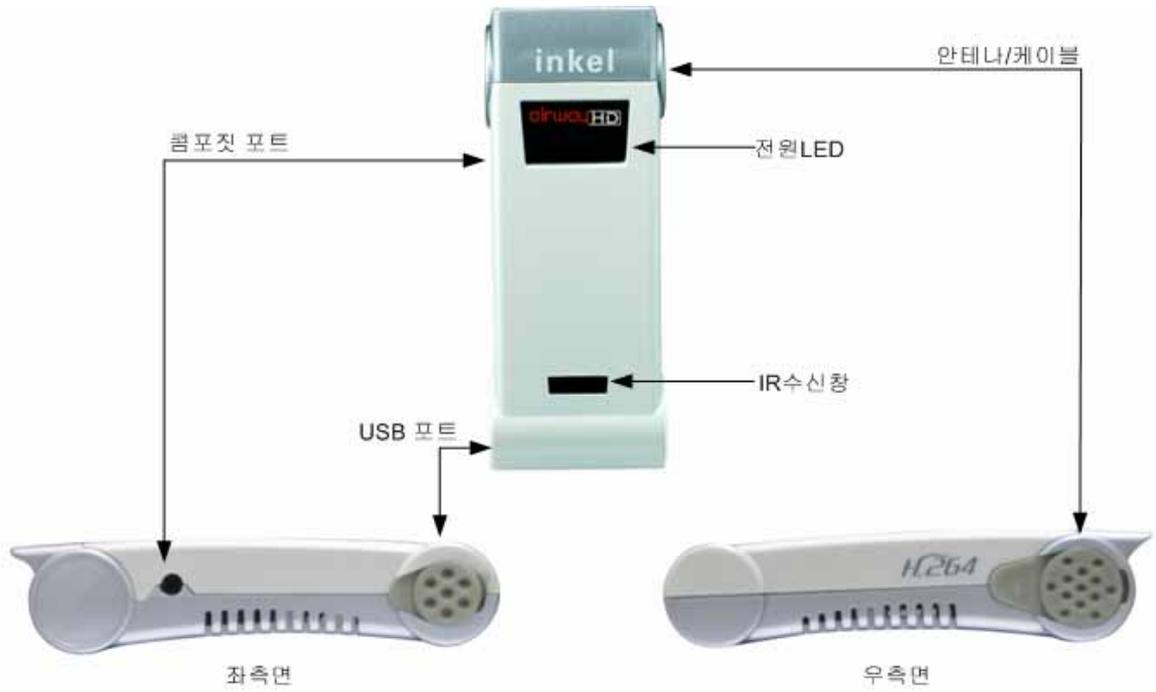
:



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1.4.



LED: AirwayHD

ON/OFF

LED

/ :

Composite :

/

USB : PC

USB

:

IR

1.5.

PC

USB 2.0

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가

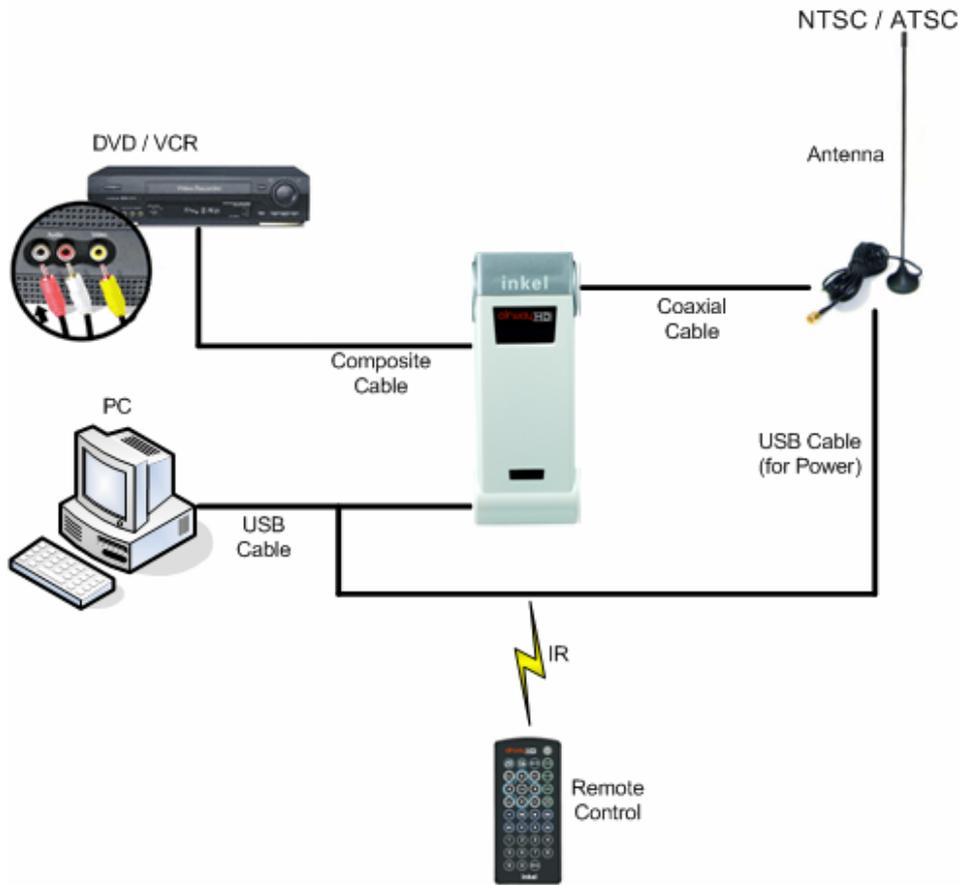
(USB

)

가

가

2.



1) PC AirwayHD USB

2)

A. () AirwayHD

B. (USB) PC USB

* (USB)

OFF

3) Composite Cable

A. AV Composite Cable

i. :

ii. : R

iii. : L

3.

3.1.

3.1.1 setup



3.1.2

OK



3.1.3



3.1.4 []



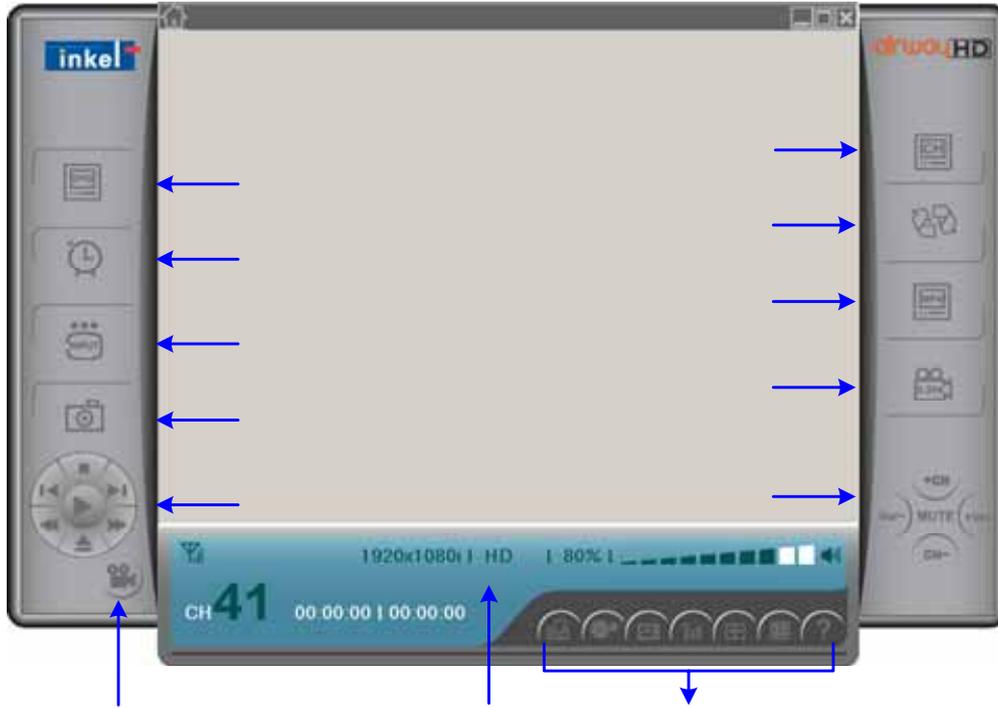
3.1.5 []

가



3.2.

1



EPG : 가

Time Shift :

Input : / / composite

Play Control : TS () control

Transcoder : H.264

MP4Maker : H.264 mp4

H.264 : H.264

DTV :

3.3.

1
Inkel AirwayHD
3V

가



	AirwayHD /		
			
			
			Time Shift
	EPG		
			/
			
			
			RR
			
			
			FF
	ATV/DTV		

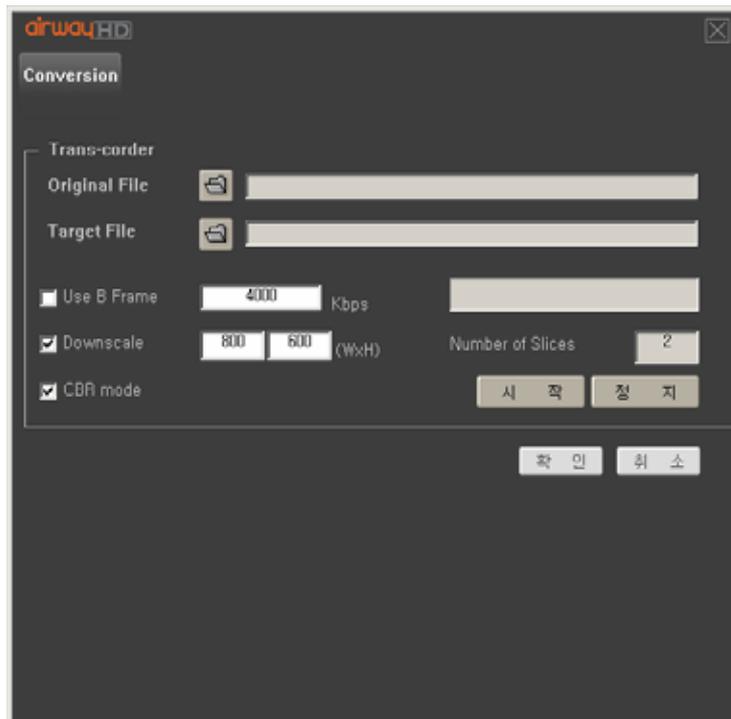
3.4. 가

3.4.1 H.264 codec

Inkel AirwayHD

H.264 codec

20 ~ 25%



A. - Digital

1.  HDconversion
2. Original File TS
- 3.
4. 가
- 5.

*

conversion

B. -

1.  Analog

2. [OK]

->

가



3. 



4. []

* Video Bitrate

3.0 PC 550Kbps Bitrate 1M - 1.5Mbps bitrate가 , 4

3.4.2 MP4

Inkel AirwayHD

IPOD

PSP

H.264

MP4



1



1. HDconversion

2. [가] H.264

3. [Convert]

* PSP

MP4

PSP MP4

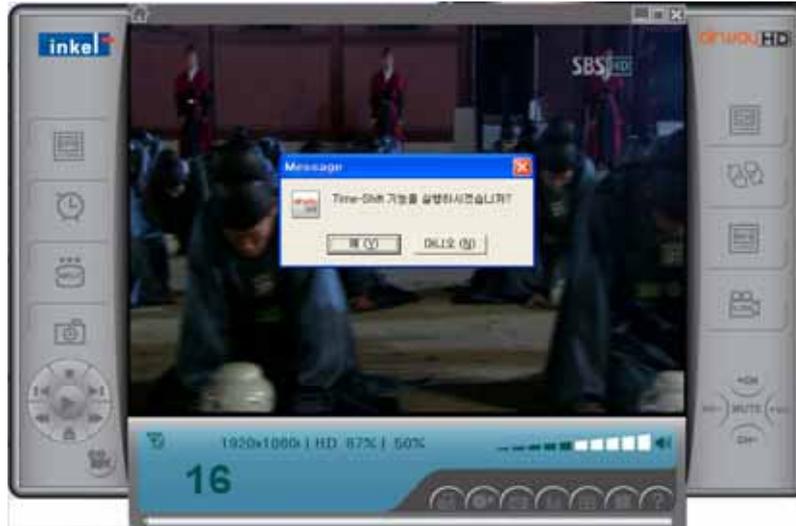
PSP

3.4.3 Time-shift

3.4.3.1 Time-shift



- [] Time-shift



- Time-shift

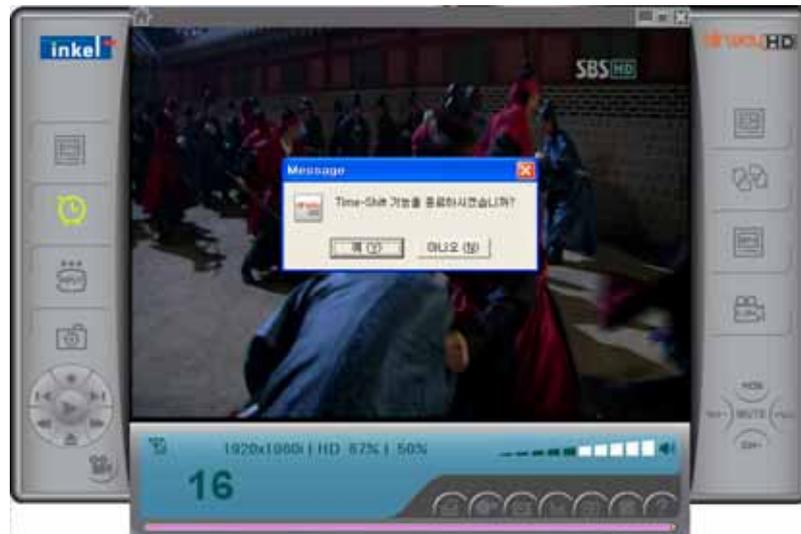
가



3.4.3.2 Time-shift

- [Clock Icon]

- [] Time-shift



3.4.4 EPG

3.4.4.1 EPG



EPG

The screenshot shows the airwayHD EPG interface. At the top, there are navigation tabs: 환경구성, 채널, 비디오, 오디오, Time-shift, EPG (highlighted), and 인코더설정. Below the tabs, there is a video preview window on the left showing a scene from a program with the text '내 삶은 영망이야'. To the right of the preview, there are fields for channel information: 채널정보 (9-1(18)), 프로그램 (연예가 중계), 편성시간 (07월 18일 20시 51분 부터), and another 편성시간 (07월 18일 22시 00분 까지). Below this is a table of program listings.

채널	편성시간	방송	프로그램
	07-18 21:57	67	HD 칼잡이오수정 (15)
	07-18 23:07	55	그것이 알고 싶다
	07-19 00:06	48	HD.프리즌 브레이크
	07-19 00:57	80	영화특급
9-1(18)	## KBS D-1 ##		
	07-18 17:10	50	한자퀴즈 왕 [HD] (재)
	07-18 17:12	48	사랑의 리퀘스트
	07-18 17:15	76	스타 골든벨
	07-18 18:00	58	HD 가족오락관
	07-18 18:00	49	쑥쑥 교육총전소 (재)
	07-18 18:32	75	스펀지
	07-18 18:50	5	마라리쇼
	07-18 18:56	4	배꼽 [HD]
	07-18 18:58	8	HD KBS 뉴스

3.4.4.2



[가]

The screenshot shows the airwayHD interface for adding a program to a schedule. It features a form with dropdown menus for channel (D-18), program name (스펀지), date (2007년 8월 19일), and time (8시 19분 부터). There are buttons for '추가' (Add) and '삭제' (Delete). Below the form is a table showing the added program.

채널 / 시청	방송제목	예약날짜 / 시간	예약 정보
DTV-18	스펀지	2007년 8월 19일 8시 19분 - 23분	녹화

3.4.4.2



[가]

TV

채널 / 시청		방송제목	예약날짜 / 시간					
D-18	시청	스펀지	2007년	8월	19일	8시	추가	삭제
			19 분 부터		23 분 동안			
채널	방송 제목	예약 날짜 / 시간		예약 정보				
DTV-18	스펀지	2007년 8월 19일 8시 19분 - 23분		시청				

3.5.

3.5.1

가 . 가
가 가



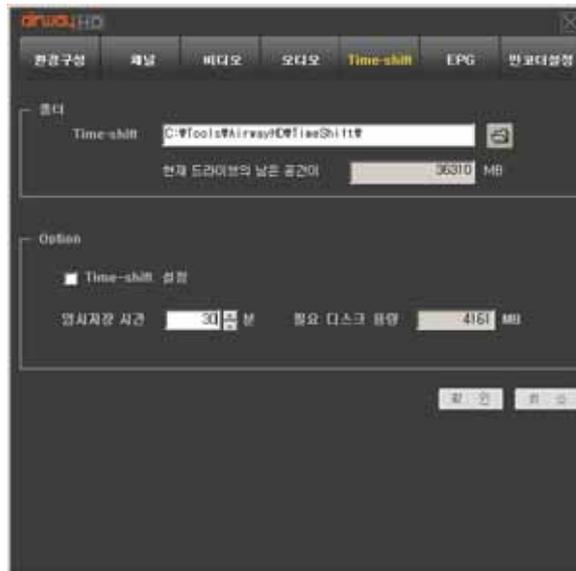
3.5.2

[]



3.5.3 Time-shift

time-shift . Time-shift
time-shift .



3.5.4

H.264 . iPod ,
PSP .



3.5.5

(TS MPEG2)



3.5.6



4.

TV

AS



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12

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-
-
-
-

:

: AirwayHD

:

:

(12)

:

(<http://www.inkel.co.kr>)

5.

: () 1577-6680()

08:30 ~ 18:30(~), 08:30 ~ 17:30() - /

AS

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