

iTRONICS



Now

it's time to meet

I-PASS BLACK!





The winner of Black box

Real HD

IPASS BLACK ITB-200HD

IPASS BLACK ITB-200HD



Real HD
1280x720p

200

2 Mil. Pixel
High density



135° / 120°
Dual recording
angle



Real time
Video play

in the Black box
**The recording way
optimized!**



● Continuous Recording

**Recording automatically
together with driving**

when the memory capacity of SD card has been filled, the latest data overwrite the older files and continues to record.



● Event Recording

**when happening an accident,
the image saves safely to the
event fold!**

When impact of collision, it is detected by the built-in impact sensor, the recorded data is marked as event file and stored in SD memory card automatically



● Manual Recording

**Record directly
the scene wanted !!**

When a driver want to take the image,
if you push REC button shortly, The images
save under the event folder.



● Auto Parking mode

**Without operating button
Automatically Parking Mode
on/off**

In case the vehicle don't move for over 5
minutes, the system automatically enter to
the parking mode, if moving again, enter to
the normal mode.



Now, the base of Black box
Starts from HD resolution !!

**Have an experience of vivid images
of a high density Real HD !!**

Because ITB-200HD supports the high resolution of 1280x720p, rear HD,
You can feel the vivid images without day and night.

1280x720 Real HD



2 Mil. Pixel ! Vivid Images by **Glass lens** without distortion

0.3 Mil. pixel



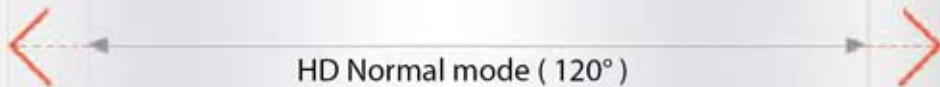
2 Mil. pixel



ITB-200HD supports the high resolution images by using the glass lens and 2 Million pixel sensor

Now, Dual angle of 120° / 135° selectable

Selection of 120° of normal mode / 135° of wide mode by user !!
it supports the wide view angle.



ITB-200 HD Setting mode for recording

HD Normal Mode
(1280 x 720)

As normal mode, it supports the 720p, 30fps of 120° angle. (Though the angle of Normal Mode is smaller than Wide mode, things are recorded more closely)

HD Wide Mode
(1280 x 720)

It supports the 132° angle, 22 fps as the recording way to take the angle priority

D1 Wide Mode
(720 x 480)

D1 can supports only normal mode, nothing Wide Mode setting

DESIGN STORY

Soft texture
by **Black SF coating**

show the stylised design
though nothing flashy
by SF coating and soft texture
on the matt black color
of I-PASS Black



Pure Blackbox **ITB-200HD !**

Create a harmony with indoor's interiors without covering a driver eyes as the minimal size.

97mm



42mm

Memory
Card slot

External GPS

• Power port

• Video Out



Easy Stylish design **UP !**



240° Record the inside by turning design !

ITB-200HD is available to turn around up to 240°,
if it needs to take the inside, it's available to turn around.



Stylish design & **Smart BLACK BOX**

Exteral High performance GPS supported ! (Option)
when connecting GPS, The located position display
on PC Player with Google map.

display the recording time

display the GPS status

Recorded Files

NO	DATE	TIME	FILE NAME
1	20110220	080000	20110220_080000.MP4
2	20110220	080100	20110220_080100.MP4
3	20110220	080200	20110220_080200.MP4
4	20110220	080300	20110220_080300.MP4
5	20110220	080400	20110220_080400.MP4
6	20110220	080500	20110220_080500.MP4
7	20110220	080600	20110220_080600.MP4
8	20110220	080700	20110220_080700.MP4
9	20110220	080800	20110220_080800.MP4
10	20110220	080900	20110220_080900.MP4
11	20110220	081000	20110220_081000.MP4
12	20110220	081100	20110220_081100.MP4
13	20110220	081200	20110220_081200.MP4
14	20110220	081300	20110220_081300.MP4
15	20110220	081400	20110220_081400.MP4
16	20110220	081500	20110220_081500.MP4
17	20110220	081600	20110220_081600.MP4
18	20110220	081700	20110220_081700.MP4
19	20110220	081800	20110220_081800.MP4
20	20110220	081900	20110220_081900.MP4
21	20110220	082000	20110220_082000.MP4
22	20110220	082100	20110220_082100.MP4
23	20110220	082200	20110220_082200.MP4
24	20110220	082300	20110220_082300.MP4
25	20110220	082400	20110220_082400.MP4
26	20110220	082500	20110220_082500.MP4
27	20110220	082600	20110220_082600.MP4
28	20110220	082700	20110220_082700.MP4
29	20110220	082800	20110220_082800.MP4
30	20110220	082900	20110220_082900.MP4
31	20110220	083000	20110220_083000.MP4

setting buttons

Google Map

The image shows a screenshot of the 'Smart BLACK BOX' PC player interface. The main window displays a video feed from a car's perspective, showing traffic on a road. The interface includes a top status bar with 'FPS: 30' and 'BLACK' branding. A top-left corner shows '01:10:00' and '01:10:00'. A top-right corner shows '0:00'. A right-side panel contains a 'Recorded Files' list with columns for 'NO', 'DATE', 'TIME', and 'FILE NAME'. Below the list is a 'MAP' section showing a Google Map of a street intersection. At the bottom, there is a playback control bar with various buttons and a progress indicator. Annotations with arrows point to specific features: 'display the recording time' points to the top-left corner; 'display the GPS status' points to the top-right corner; 'Recorded Files' points to the list; 'Google Map' points to the map section; and 'setting buttons' points to the bottom control bar.

Play !! at accident position

Make sure at once on

**All devices are available
in SD card supported**



Note : The file recorded by 720p plays at the device supported HD resolution

ITB-200HD COMPOSITION



ITB-200HD



SD Memory Card



Cradle



SD Memory Reader



Sticky Pad



Cigar Cable



Quick guide



Manual



Wire clips

Optional itesm



External GPS



Power server



Video output cable

Specification

Model	ITB-200HD
Camera	2 Million Pixel, 1/4 CMOS Camera
Resolution	1280x720p(HD), 720p (Middle mode), 720x480p
Recording angle	Wide mode : 132° / horizontal 120° / vertical 67° normal mode : 120° / horizontal 101° / vertical 54°
Recording	Continuous + event + normal recording
Recording time	8GB : 3.30 Hours, 16GB : 7hours, 32GB : 14hours
Sound recording	Supported
Video	H.264
Storage	SD Card up to 32GB
GPS	External GPS supported (option)
Operating Volt	DC 12 ~24Volt
Size / Weight	97mm (W) x 42mm (H) / 80g
Operating Temp.	-20 ~ 70 °C
	Format by itself, Auto Parking mode, recording time display, speed display Exclusive PC View player (Parking mode + Motion detection)