

**LCDPhoto.com**



**Monet LCD Photo Frame**

**CK-080P**

**CK-080S**

**CK-080R**

**Operation Manual**

## WARNING

LCDPhoto.com is not responsible for any improper usage of the Monet Digital Photo Frame. Improper usage of the Monet Digital Photo Frame WILL result in physical injury, in forms of electrical shock and even death. As with all electronic products, **KEEP THE MONET DIGITAL PHOTO FRAME OUT OF THE REACH OF CHILDREN.**

This manual is intended for Monet Digital Photo Frames with model numbers CK-080P, CK-080S & CK-080R.

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# **1. Introduction: LCDPhoto.com Monet Digital Photo Frame**

## **1.1. Introduction**

Congratulations on the purchase of the Monet Digital Photo frame from LCDPhoto.com! With the high-quality LCD screen and stylish frame, the Digital Photo Frame is the perfect product for displaying your favorite digital photos or videos with sound. It can contribute greatly to your home decoration or add a touch of personalization to your office. The photo frame can be configured to display a single photo or rotate through many photos in an automatic slide show. With the included motion sensor, you can help to conserve energy and turn on the frame by just being in front of the sensor. With its ease of use and great presentation effect, you will be enjoying your photos with everyone around you.

## **1.2. Packing List**

The Monet CK-080 series of digital photo frame is shipped with the following items. Before use, please check to make sure you have everything. If any item is missing, please contact us at [support@lcdphoto.com](mailto:support@lcdphoto.com) immediately.

1. LCDPhoto Monet CK-080 Digital Photo Frame x 1
2. 64MB fcompact flash card x 1
3. LCDPhoto remote control x 1
4. Motion sensor x 1
5. 12-in-1 media card reader x 1
6. DC power cable x 1
7. AC adapter x 1
8. USB cable x 1
9. AV cable x 1

## **1.3. Feature Description**

### **1.3.1. Monet photo frame**

We designed the photo frame around a high quality LCD, adding custom designed integrated circuits to achieve the best image quality possible. You will find the image to be sharp and the colors vibrant. Then we designed the supporting firmware to make it as easy and intuitive to use as possible and at the same time providing the most features. Some of the features include:



- 8.0" TFT active-matrix LCD panel
- Auto-scaling of JPEG pictures for true, non-distorted images
- Image adjustment with zoom and rotation
- Slide show feature with music playing in the background
- Music (mp3, mid, wav) playback support
- Infrared sensor for remote control
- Video (mpeg1, mpeg2) playback support (for CK-080S only)
- Stylish and modern frame (customizable with any standard 8x10" frame)

#### 1.3.2. 12-in-1 media card reader

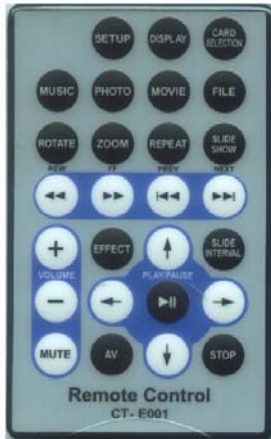
The photo frame is equipped with a compact flash card slot for playback of images and sound. For added convenience, a 12-in-1 media card reader is provided so no matter what memory card format you use, you will be able to transfer your favorite data to the included 64MB compact flash card and enjoy the frame right away.



#### 1.3.3. Remote control

The included remote control allows virtually total control over all aspects of the photo frame. You can use it to set up a slide show, start the music playing, control the volume,

or start your favorite video. All of the functions can be performed without having you get up from your favorite position.



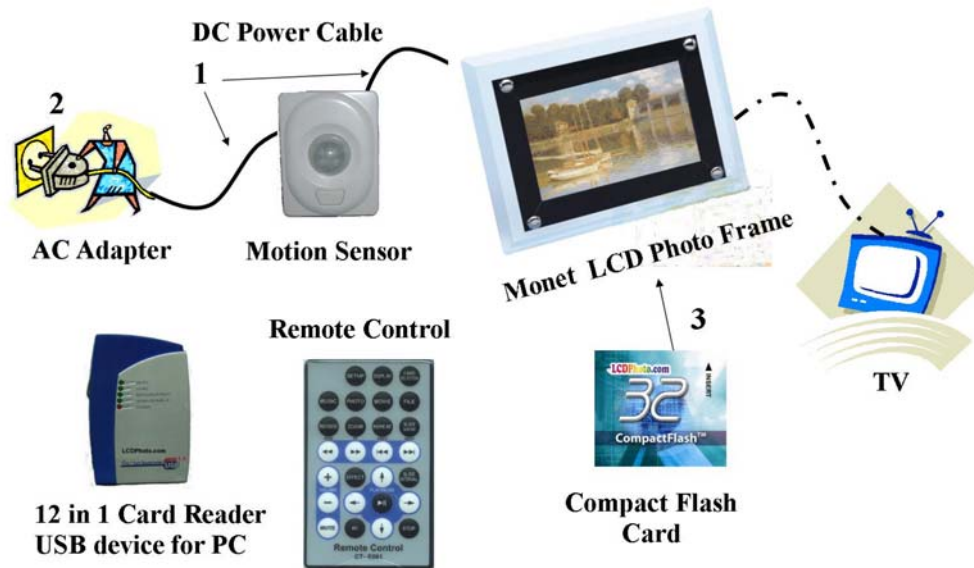
#### 1.3.4. Motion sensor

The motion sensor can be used to help conserve energy by turning the photo frame off when there is no one around. When it senses motion, it will start the photo frame again. The delay before power is cut to the photo frame is easily adjustable.



## 2. How to setup and connect everything together.

Place the photo frame on a prominent spot where everybody can enjoy your photos. Position the motion sensor to face the area in front of the photo frame so movements in front of the frame or people approaching the frame can keep the frame turned on. (The motion sensor is optional and the frame can be manually turned on and off by the switch on the side)



### 2.1. Power connection

Connect the AC power adapter to the motion sensor. Connect the DC power cable from the motion sensor to the right side of the photo frame. Plug the AC power adapter into a wall socket and your picture is ready to be displayed.

### 2.2. Compact flash slot

The included CF card has some sample pictures, MP3s, and videos for your enjoyment. Insert the CF card into the CF slot on the top of the photo frame. Now you are ready to turn on the power and use your photo frame.

### 2.3. TV out connection

To display the image on to a TV, connect the stereo mini-plug end of the AV cable to the AV out port at the right side of the LCD photo frame. The AV out port is located between the volume control and the power-in plug. Then connect the red RCA-type connector to the VIDEO-IN connector of the TV. For audio, connect the yellow connector to the AUDIO-IN connector of the TV. Switch output of the image from the LCD to the TV by using the AV button on the remote control. The image can be displayed either on the LCD or the TV but not both.

### 3. How to use the LCDPhoto Remote Control

#### 3.1 Remote Control Functions

##### Remote Control Functions

The following table briefly describes the remote control functions.

BUTTON	DESCRIPTION
SETUP	Open menu for changing settings
DISPLAY	Display file information of selected file
CARD SELECTION	Choose a different memory card
MUSIC	Go to and display music files
PHOTO	Go to and display photo files
MOVIE	Go to and display movie files
FILE	Go to file library (all files)
ROTATE	Rotate photo 90 degrees clockwise on screen
ZOOM	Zoom x 4 (photos only)
REPEAT	Play file repeatedly until stopped
SLIDESHOW	Start/stop photo slideshow
REW	Rewind movies
FF	Forward movies
PREV	Go to previous file
NEXT	Go to next file
+ (VOLUME)	Raise volume
- (VOLUME)	Lower volume
MUTE	Mute volume
EFFECT	Change slideshow effects
↑	Move up when selecting on your TV screen
SLIDE INTERVAL	Change slideshow delay: 1; 3; 5; 10 seconds
←	Move left when selecting on your TV screen
PLAY/PAUSE	Play/pause, confirm selections on your TV screen
→	Move right when selecting on your TV screen
↓	Move down when selecting on your TV screen
STOP	Stop the selected file/action
AV	TV out function



## **4. Auto slide show features**

### **4.1. Default: Photo slide show with music**

By default, the photo frame will take all the pictures on the inserted CF card and start a slide show. The order of the slide show is determined by alphabetical order of the file name. If any music file is present, it will be played. Without any complicated setup procedure, you can already enjoy your pictures with the music of your choice.

### **4.2. Other file formats**

Because there are three possible file formats that the photo frame can read, the auto slide show feature is designed to be the most intuitive. The three file formats are picture, music, and video.

- If you have all picture files, a slide show of pictures will start.
- If you have all music files, the music files will be played.
- If you have all video files, the video files will be played.
- If you have all three files, a slide show of pictures and music in the background will start.
- If you have just picture and video files, they will be shown one after the other intermixed.
- If you have just video and music files, only the music files will be played.

### **4.3. Turn off MP3 background music**

If there are any MP3 files present during a photo slide show, the MP3 files will be played. Please use the following methods to turn off the music during photo slide show:

- Remove any MP3 files from the compact flash card to disable MP3 playback.
- Use the remote control to turn the volume off or mute the playback.
- Use the volume wheel on the lcd photo frame to turn the volume off.

## **5. How to get pictures/music/video files onto the compact flash card**

### **5.1. 12-in-1 media card reader**

The 12-in-1 media card reader is a USB-based device used for transferring pictures from the computer or other format memory cards onto the compact flash card. We have provided some sample files on the included CF for your initial enjoyment. In order to load your own files, it is necessary to use the media card reader.

Note: The 12-in-1 media reader can be used on Mac OS 8.6 or higher, although the driver provided is for Windows-based operating systems. The instructions provided here are for Windows-based operating systems.

The 12-in-1 media reader serves as a “plug n’ play” device on Windows ME, 2000, and XP. Simply plugging in the media reader into a USB port and Windows will automatically install and configure the media reader.

For Windows 98SE, it is necessary to install the driver for the 12-in-1 media reader. The driver can be downloaded from [www.lcdphoot.com](http://www.lcdphoot.com) under the “Support” section.

Once the media reader is installed, each slot of the media reader now serves as a drive with its own drive letter under the computer’s file system. Insert the CF card into the media reader. The drive letter assigned to the slot of the CF card depends on the your computer’s particular configuration. The drive letter is easily located by clicking on the “Removable Disk” icons under “My Computer”. Since the slot with the CF card is the only one holding a storage card, only the drive associated with it opens successfully. The other drives with empty slots will prompt for a disk. Now that the drive letter is located, files can be added or deleted from the CF card.

#### 5.2. Transferring files

To add files to the CF card, copy and paste the files onto the drive assigned to the media reader.

To delete files from the CF card, select the files to be deleted and press the “Delete” key on the keyboard.

Once the desired files are copied onto the CF card, plug the CF card into the photo frame and the new files will start to be shown by the photo frame.

### **5.3. Special comment on file structure with FAT format**

Please note, the lcd photo frame only supports the FAT file format on the inserted compact flash card. When formatting a compact flash card for use in the lcd photo frame, do not use FAT32 or the NTFS file format. The card will not be recognized.

Due to the limitations of the FAT file structure, there can only be a maximum of 127 files in the root directory. To overcome this limit and display more than 127 files, create a subdirectory and put all the files in that directory. FAT does not limit the number of files in a directory. (It is for the same reason that digital camera also always put the picture files in a subdirectory. When displaying images in a slide show, the lcd photo frame will search all the directories and display all the images sequentially.

## **6. How to watch pictures**

For the primary purpose of the digital photo frame, we want you to be able to display your most memorable photographs.

#### 6.1. Compatible file formats:

The Monet LCD photo frame is only compatible with JPEG image format.

## 6.2. Slide Show

By default, if you have any pictures present, the photo frame will use them to start a slide show. (And if any music file is present, it will be played). For the slide show, you can adjust the delay and the transition method.

The delay specifies how long each picture is shown. To change this value, press “SLIDE INTERVAL” on the remote control. The photo frame will then display “INTERVAL: ??? SECOND” where ??? can either be ONE, THREE, FIVE, or TEN. Keep pressing until the desired delay is reached.

Transition method is how one picture is replaced with the next picture. The default mode is “1 FULL SCREEN”. To change the transition method, press “EFFECT” on the remote control. The new transition method will then be acknowledged on the screen. Other than the “1 FULL SCREEN” method, all other transition methods will create a thin black border around the image. The available transition methods are listed below:

1. FULL SCREEN
2. ROLL: TOP TO BOTTOM
3. ROLL: BOTOM TO TOP
4. ROLL: TOP/BOTTOM TO CENTER
5. ROLL: CENTER TO TOP/BOTTOM
6. FLIND: TOP TO BOTTOM
7. ROLL: LEFT TO RIGHT
8. ROLL: RIGHT TO LEFT
9. ROLL: LEFT/RIGHT TO/CENTER
10. ROLL: CENTER TO LEFT/RIGHT
11. ROLL: IMplode
12. BLIND: LEFT TO RIGHT
13. CROSS FADE
14. RANDOM

## 6.3. Image manipulation

Images can be zoomed and rotated while being displayed. In order to perform image display manipulation, it is necessary to exit the automatic slide mode by pausing the show. While the photo frame is displaying a slide show, images can not be manipulated.

To exit the slide mode, perform the following:

- Press “STOP” to stop the slide show. If you don’t see the thumbnail of each pictures because you are in a mode mode, press “PHOTO” on the remote control.
- Use the cursor key to select and highlight the desired picture.
- Press “PLAY/PAUSE” twice. (first press starts the slide show with the highlighted picture and the second press pauses the show.)

To zoom in on the pictures, press “ZOOM”. Keep pressing until the desired zoom is achieved or the original full-size picture is shown. Available levels are 1X, 2X, 3X, and 4X.

To rotate the picture, press “ROTATE”. The image will be rotated on the screen.

For picture information, press “DISPLAY”. The number of slides in the directory and in which order the current picture is in is displayed. Other data shown are the file size, resolution, and date. To turn picture information off, press “DISPLAY” again.

To resume the slide show, press “PLAY/PAUSE” for slide show only or “SLIDESHOW” for slide show plus music.

#### 6.4. Select video output

For changing the video output from the LCD photo frame to another display using the AV cable, press “AV” on the remote control. The image can only be displayed either on the lcd or out to a TV. Images can not be displayed simultaneously on the lcd and on the external display.

## 7. How to listen to music

The LCD Photo Frame is equipped with mp3 decoding capability to add additional entertainment value to displaying your photos.

### 7.1. Compatible formats

The photo frame is compatible with mp3, mid, and wav.

### 7.2. Slide show with music

This is the default mode for displaying photos. While the photo frame cycles through the photos and creating a slide show, any available mp3 is played in the background. While the music is playing, you can control the volume through the VOLUME “+” and “-“ key on the remote control, as well as the physical volume knob on the right side of the photo frame. For additional information, please refer to section 4.1.

### 7.3. Music only

At any time, press the “MUSIC” to enter the music library and use the music only mode. The first song will start playing automatically.

To select a different song, move the cursor with the arrow keys to the desired song. The highlighted song will play immediately.

Volume control: You can control the volume through the VOLUME “+” and “-“ key on the remote control, as well as the physical volume knob on the right side of the photo frame. The “MUTE” button will temporarily mute the speakers. Press it again to resume the previous volume.

Repeat mode: You can control the repeat mode of the songs. Press “REPEAT” to cycle through “OFF”, “ALL”, “ONE”.

#### 7.4. Equalizer view

While a music is playing, you can press the “DISPLAY” button to enter the equalizer view. If the information is present, the photo frame will display the artist’s name and the encoding bit rate of the music. Also shown will be a “live” spectrum analyzer display of the sound. You can press “EFFECT” to set the custom equalizer.

Available equalizer settings include:

1. STANDARD
2. CLASSIC
3. JAZZ
4. ROCKS
5. POPS
6. BALLAD
7. DANCE

## **8. How to watch video (CK-080S & CK-080R)**

### 8.1. Compatible file formats

CK-080S & CK-080R are only compatible with MPEG1 and MPEG2 specifications.

### 8.2. To switch to the video mode

press “MOVIE” on the remote control. If you only have mpeg files or jpeg files on your CF card, MPEG files will be played by default when the unit is turned on.

At the movie menu, the highlighted video file will begin to file in the thumbnail size. Use the arrow key to select the desired file and press “PLAY/PAUSE”. The selected video file will then be shown using the full screen.

### 8.3. Slect video output

Press “AV” on the remote control to select the video output mode.

## **9. How to manage files**

The photo frame is equipped with basic file manipulation functions to aid you in organizing your files. To enter the file mode, press “FILE” on the remote control. In the file mode, the highlighted file is always immediately if it can be recognized by the photo frame. If the file is a picture, a thumbnail of the picture will be shown. If the file is a music file, it will begin to play. If the file is a video, it will be shown in the side-window as well.

### 9.1. Copy files

Press “DISPLAY” and highlight COPY using the arrow key and press “PLAY/PAUSE”. LCD will display “COPY MODE” to acknowledge that we are in the file copy mode. Press the right arrow to move to the right side of the screen where you choose the target location for the copy. Use the up and down keys to navigate and “PLAY/PAUSE” to enter subdirectories. Once the desired location is highlighted, press left and highlight the original file to be copied. Press “PLAY/PAUSE” to commence the copying.

#### 9.2. Delete files

Highlight the undesired file and press “DISPLAY”. Highlight DELETE using the arrow key. Press “PLAY/PAUSE”. Choose “Yes” to confirm the deletion.

#### 9.3. Rename files

Highlight the target file and press “DISPLAY”. Highlight RENAME using the arrow key. Press “PLAY/PAUSE”. Using the virtual keyboard, type in the new name and choose OK.

#### 9.4. Create new folder

Go into the desired folder or root directory. Press “DISPLAY”. Highlight New Folder using the arrow key. Press “PLAY/PAUSE”. Using the virtual keyboard, type in the new name and choose OK.

#### 9.5. Properties

Highlight the desired file and press “DISPLAY”. Highlight “PROPERTIES” and press “PLAY/PAUSE” to view additional information on the highlighted file.

## 10. How to change the default settings

The photo frame is set at factory to start slide show with music if the appropriate file types are present. By using the setup screen, you can customize the way the photo frame handles your files.

Press “SETUP” to enter the setup menu.

### 10.1 PHOTO SETUP

THUMBNAIL DIGEST: whether the thumbnail pictures are generated when entering the PHOTO menu.

TRANSITION MODE: whether the transition from one image to the next occurs fast or slow.

ORIENTATION: whether the orientation of the image imbedded in the JPEG file extended data area is considered in displaying the image.

DIGEST STYLE: the format under which the thumbnail pictures are displayed.

### 10.2. MUSIC SETUP

REPEAT MODE: the repeat mode for the music files. The choices are ONE, OFF, and ALL. Can also be adjusted on the fly by using the “REPEAT” button.

### 10.3. MOVIE SETUP

REPEAT MODE: the repeat mode for the music files. The choices are OFF, and ALL. The repeat mode can also be adjusted on the fly by using the “REPEAT” button.

DIGEST STYLE: the format under which the thumbnail pictures are displayed.

### 10.4. SLIDE SHOW SETUP

SLIDESHOW MODE: whether the slide show starts manually, automatically, or automatically with music. The default is to start automatically with music.

FOLDER REPEAT: whether only images in one folder are cycled or all pictures on the CF card are cycled.

INTERVAL TIME: time between each pictures. Can also be adjusted on the fly with the SLIDE INTERVAL button during a slide show.

TRANSITION: the transition scheme from one picture to the next picture. Can also be adjusted on the fly with the EFFECT button during a slide show. For details, see section 6.

AUTO START: whether a slide show starts during power on.

### 10.5. PREFERENCES PAGE

OSD LANG: the language of choice for on screen display

OSD MESSAGE: whether to display on screen messages

SETUP VALUES: reserved for future use.

### 10.6. Default setup for automatic slide show start with music

For the lcd to start playing MP3 and slide show automatically upon turning on, the following three settings need to be set:

MUSIC SETUP:

REPEAT MODE: ALL

SLIDESHOW SETUP:

SLIDESHOW MODE: SLIDE SHOW

AUTO START: ON

### 10.7. Motion Sensor timeout setup

The motion sensor is setup at factory to timeout in about 5 minutes. When no motion is detected after about 5 minutes, the power will be cut and energy conserved. To change this timeout, use either a Phillips or a flat screwdriver and turn the dial on the right side of the motion sensor. The timeout can be adjusted from 10 seconds to 30 minutes. Turn the dial clockwise to lengthen the timeout and counter-clockwise to shorten the timeout. The sensor is sensitive from about 1 to 24 ft. depending on the sensor location and room configuration.

## 11. How to adjust the LCD’s brightness and contrast

Occasionally due to the lighting environment or picture quality, it might be necessary to adjust the LCD’s brightness and contrast. To do that, press the MENU button on the back of the photo frame.

Brightness adjustment: When the brightness meter is displayed, use the up and down buttons behind the photo frame to adjust the brightness of the LCD screen. Adjust the setting so that the image is not too bright or dark and you get the most pleasant image.

Contrast adjustment: When the contrast adjustment meter is displayed, use the up and down buttons behind the photo frame to adjust the contrast of the LCD screen. Adjust the setting so that you get the most pleasing image.

## **12. Troubleshooting**

Basic troubleshooting tips can be found under the “Support” section of [www.LCDPhoto.com](http://www.LCDPhoto.com). The Question and Answer section will be updated regularly to help users solve common problems. In the event that the problem you encounter is not detailed there, LCDPhoto.com offers technical support for many common problems. Contact Technical Support at [support@LCDPhoto.com](mailto:support@LCDPhoto.com). Be sure to provide a detailed explanation of the problem in the body of the email for Technical Support to better service you.

## **13. Warranty**

### **12.1. LIMITED WARRANTY**

LCDPhoto.com guarantees that every Monet Digital Photo Frame will be free from physical defects for one year from date of purchase, when used in the limits specified in this Operation Manual. If the product proves defective within the warranty period, contact LCDPhoto.com to obtain a Return Authorization number.

All LCDPhoto.com products are covered for a year under the Parts & Labor warranty. The customer is responsible for shipping charges for items returned to LCDPhoto.com. LCDPhoto.com will be responsible for all labor cost, parts, and shipping costs back to the customer via ground service.

Be sure to have Proof of Purchase from the product when contacting LCDPhoto.com. Return requests will not be processed without the Proof of Purchase.

Specific Return Procedures can be found under the “Support” page on the LCDPhoto.com website, [www.lcdphoto.com](http://www.lcdphoto.com).

### **12.2 FCC Statement**

The Monet Digital Photo Frame has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to

provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment or devices
- Connect the equipment to an outlet other than the receivers
- Consult a dealer or an experienced radio/TV technician for assistance

## 14. Specification

Monet LCD Photo Frame	<b>CK-080P</b>	<b>CK-080S</b>	<b>CK-080R</b>
LCD Specifications:			
LCD Type	<b>Active TFT</b>	<b>Active TFT</b>	<b>Active TFT</b>
<b>Screen Size</b>	<b>8.0"</b>	<b>8.0"</b>	<b>8.0"</b>
Pixel Pitch	0.253*0.253mm	0.253*0.253mm	0.204*0.204mm
<b>Resolution</b>	<b>640x480</b>	<b>640x480</b>	<b>800x600</b>
Resolution (dots)	307200x3	307200x3	480000x3
Viewing Angle	130°	130°	140°
Brightness	380cd/(m*m)	380cd/(m*m)	400cd/(m*m)
<b>Display Size</b>	<b>6.5"x5"</b>	<b>6.5"x5"</b>	<b>6.5"x5"</b>
Aspect Ratio	4:3	4:3	4:3
Media Support & Functions			
Memory Card Supported	CF Card	CF Card	CF Card
Memory Card Capacity	8M - 1G	8M - 1G	8M - 1G
<b>File Format Supported</b>	<b>JPEG, MP3</b>	<b>JPEG, MP3,MPEG</b>	<b>JPEG, MP3,MPEG</b>
Audio Decoding	<b>MP3</b>	<b>MP3</b>	<b>MP3</b>
Video Decoding	N/A	<b>MPEG1 &amp; 2</b>	<b>MPEG1 &amp; 2</b>
Automatic Slide Show	Yes	Yes	Yes
Slide Show Timer	1s, 3s, 5s,10s	1s, 3s, 5s,10s	1s, 3s, 5s,10s
Motion Sensor (external)	Yes	Yes	Yes
Media Card Reader	12 in 1	12 in 1	12 in 1
CF Card (Included)	64M	64M	128M
<b>Output to TV</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>Speaker</b>	<b>2Wx2</b>	<b>2Wx2</b>	<b>2Wx2</b>
Remote Control	Yes	Yes	Yes
Power Consumption			
Power Supply	100-240V AC 50/60HZ	100-240V AC 50/60HZ	100-240V AC 50/60HZ
Current Rating	1.5A from 12V DC Adapter	1.5A from 12V DC Adapter	1.5A from 12V DC Adapter
Power Usage	9.6W	9.6W	9.6W
Mechanical & Accessories			
Dimension (LxWxH)	10"x8"x1.65"	10"x8"x1.65"	10"x8"x1.65"

Weight (pounds)	2.35 pounds	2.35 pounds	2.35 pounds
Operation Temperature	0-60°c	0-60°c	0-60°c
Humidity (Maximum)	90%	90%	90%
USB Cable	Yes	Yes	Yes
DC Power Line	Yes	Yes	Yes
AV Cable	Yes	Yes	Yes
Origination	Made in Taiwan	Made in Taiwan	Made in Taiwan