

WP7 Splash Instruction Manual

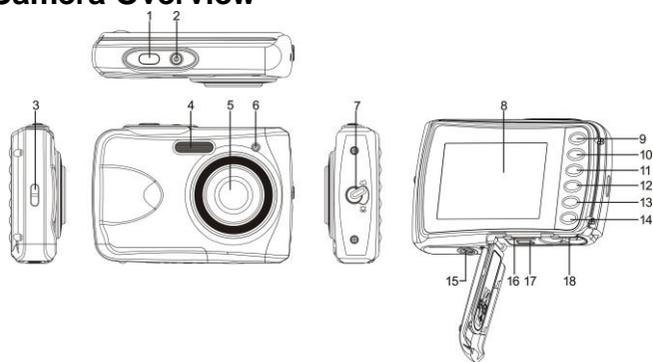
IMPORTANT

- Do not open the battery door while submerged in water.
- Close the battery door properly for the best water-tight seal.
- Ensure that the latch on the battery door is correctly closed.
- Rinse with clean water after use.

1. Getting to Know Your Camera

Ultra Slim Waterproof Design
 Waterproof up to 10 ft. / 3 meters
 12.0 Mega Pixels Max Resolution
 Digital Still Camera
 Digital Video Camcorder
 Built-in Flash Light
 8X Digital Zoom
 2.4" LCD Color Display
 Micro SD / SDHC Card Support
 2x AAA Alkaline Batteries
 Smile Detection
 Face Detection
 Anti-Shaking Image Stabilization for Still Images

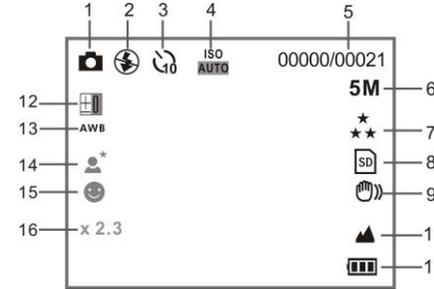
2. Camera Overview



1	Shutter	Press to take photographs or to start and stop recording a video clip. Press to confirm changes in menu mode.
2	Power	Press this button to power the unit of or off.
3	Strap Hook	Hook for attaching the wrist strap to the camera.
4	Flash Light	Use the built-in flash for extra lighting in dark situations. For best results, use flash mode when within a distance of 5 ft / 1.5m.
5	Lens	Optical input to records video and capture images. Note: Keep the lens clean. Dirt and fingerprints will affect the quality of the picture.
6	LED Indicator	Denotes the camera is busy carrying out an operation when blinking.
7	Macro Switch	MACRO mode: Select this mode to take close-up photographs (distance 11cm - 18cm). NORMAL mode: Select this mode to take photographs from 0.5m - infinity.
8	LCD Screen	Displays photos, video clips, camera settings and menu.
9	UP	UP directional selection in menu mode. Digital zoom-in during photo and video mode.
10	DOWN	Down directional selection in menu mode. Digital zoom-out during photo and video mode.
11	LEFT / Flash Light	LEFT directional selection in menu mode. To access the flash's settings when in PHOTO mode.
12	RIGHT / Playback	RIGHT directional selection in menu mode. Press to enter into playback mode when in PHOTO or MOVIE mode.

13	Mode	Press to enter into PHOTO / MOVIE mode.
14	Menu / Delete	Press to enter into setting mode. Press to delete a photo or videos when in playback mode.
15	Tripod Connector	To mount the camera onto a tripod.
16	Micro SD Card Slot	SD card storage location.
17	USB Interface	Download images and video clips to a computer using the included USB cable.
18	Battery Door	Compartment for the AAA batteries.

3. Explanation of Status Icons



Item	Function	Description
1	Current Mode	PHOTO mode. VIDEO mode. Playback VIDEO mode. Playback PHOTO mode.
2	Flash Status	Flash On: The flash will fire in every situation, whether dark or light. Auto Flash: The flash sensor will determine if the flash is needed or not. Flash Off: The flash is turned off and will not fire.
3	Self-Timer Status	Shows the current Self-Timer setting.
4	ISO Status	Shows the current ISO Sensitivity setting.
5	Photo / Video Counter	Show the pictures remaining in PHOTO mode. Shows the time remaining in VIDEO mode. Show the elapsed time during recording Shows the total amount of pictures and videos.
6	Current Resolution	12M = 4032x3024 pixels 8M = 3264x2448 pixels 5M = 2560x1920 pixels 3M = 2048x1536 pixels 1.3 = 1280x960 pixels VGA = 640x480 pixels
7	Picture quality	★★ Super Fine Quality. ★ Fine Quality. ★ Standard Quality.
8	Micro SD Card Indicator	A micro SD card is inserted and will be used as storage for photos and videos.
9	Anti-Shaking Mode Status	Anti-Shaking Image Stabilization ON/OFF.
10	Normal / Macro Mode Indicator	Normal mode (0.5m – infinity) Macro mode (11cm –18cm)

11	Battery Status Indicator	Battery status, fully charged. Battery status, no charge remaining.
12	Exposure Status	Shows the current EV± value.
13	White Balance Status	Shows the current White Balance setting.
14	Scene Mode Status	Shows the current Scene Mode (Auto / Landscape / Backlight / Night Scene / Portrait / Sport)
15	Smile Detection Status	Smile Detection ON/OFF.
16	Zoom Indicator	Shows current Zoom setting.

4. Details for Camera Setup

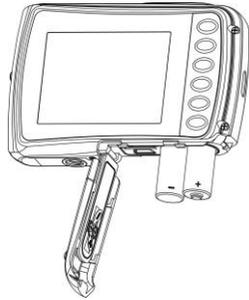
	Item	Function	Description	
SET	Still	Capture Mode	Single / 10s Timer Single or 10s timer selection	
		Resolution	12 Mega Pixel Resolution	4032 x 3024 (12.0 Mega Pixels)
			8 Mega Pixel Resolution	3264 x 2448 (8.0 Mega Pixels)
			5M pixel resolution	2560 x 1920 (5.0 Mega Pixels)
			3M pixel resolution	2048 x 1536 (3.0 Mega Pixels)
			1.3M pixel resolution	1280 x 960 (1.3 Mega Pixels)
			VGA resolution	640 x 480 (300k Pixels)
		Quality	Super Fine/Fine/Normal	Picture quality setting
		Sharpness	Strong/Normal/Soft	Sharpness setting
		Exposure	±2.0, ±5/3, ±4/3, ±1.0, ±2/3, ±1/3, 0	Exposure setting
White balance	Auto	Automatic white balance mode.		
	Daylight	White balance mode for Daylight/Outdoor setting.		
	Cloudy	White balance mode for Cloudy/Outdoor setting.		
	Tungsten	White balance mode for tungsten setting.		
Fluorescent	White balance mode for fluorescent setting.			
Scene	Auto / Landscape / Backlight / Night scene / Portrait / Sports	Scene Mode.		
ISO	Auto / 50 / 100 / 200	ISO Sensitivity setting.		
Smile Detection	On / Off	Smile Detection setting.		
Anti-Shaking	On / Off	Anti-Shaking setting.		
Video	Resolution	VGA 640 x 480	Video Resolution setting.	
		QVGA 320 x 240		
Setup	Date/Time	YY/MM/DD	Date or time setting.	
	Auto Power Off	Off / 1 Minute / 3 Minutes	Auto Power Off setting.	
	Beep Sound	On / Off	Beep Sound setting.	
	Language	English/T-Chinese/S-Chinese/French/Deutsch/Italian/Spanish/Portuguese/Japanese	Display language setting.	
	Date Stamp	Date &Time / Date / Off	Date stamp setting.	
	Frequency	50Hz / 60Hz	Power frequency setting.	
	Format	Micro SD card	Format the Micro SD Card.	
	Default setting	Cancel / OK	Reset to default settings.	
	Version		View the firmware version.	

Note: The camera will remain in the last setting when it is turned off.

5. Using the Camera

5.1 Battery Installation

1. Open the battery door.
2. Insert 2x AAA alkaline batteries into the camera.
3. Close the battery door.
4. Press the POWER button to turn on the camera.

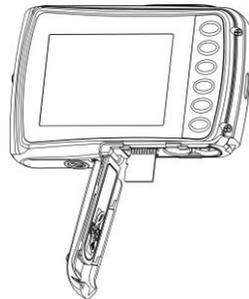


5.2 Inserting a Micro SD Memory Card (not included)

1. Power off the camera.
2. Open the battery door.
3. Insert the SD card into the camera by clicking it in.
4. Close the battery door and ensure the latch is properly closed.

NOTE: There is only one right direction to insert the Micro SD memory card into the slot. Do not force the card into the slot, or else it may damage both the camera and the Micro SD memory card.

NOTE: The Micro SD memory card must be formatted before taking photographs. See the following sections for more information.



5.3 Formatting a Micro SD Memory Card

1. Press the MENU button (☰) in PHOTO or VIDEO mode.
2. Select the SETUP MODE by pressing the RIGHT directional button.
3. Select FORMAT by using the navigation keys and press the SHUTTER button to confirm.
4. Select Internal memory or SD card and confirm with the SHUTTER button.

5.4 Setting the Resolution

Your digital camera can be set to different resolutions to compensate on memory or quality.

1. Press the MENU button (☰) in PHOTO mode to enter the settings menu.
2. Select RESOLUTION by using the navigation keys and press the SHUTTER button to confirm.
3. Different resolution options will be displayed. Select the desired resolution by using the navigation keys and press the SHUTTER button to confirm.

5.5 Taking Photographs

1. Power the digital camera on.
 2. Depending on the distance to the object being photographed, use the MACRO switch to adjust the distance. Select the flower symbol if you want to take a close-up photograph

(11cm –18cm). If you want to take a video or photograph of anything else (0.5m - infinity), set the MACRO switch to the Normal mode (▲).

- macro switch to normal mode (▲).
3. If you are in a dark setting, turn on the automatic flash by pressing the flash button. (If the battery power is too low, the flash will not fire).
4. Use the LCD screen as a viewfinder to take videos or photos. Face Detection will activate automatically if taking photos of people.
5. Press the SHUTTER button and wait a few seconds for the camera to finish processing the image.
6. If Smile Detection is ON, shutter will automatically activate once a smile on a face is detected.

Caution: 1) Taking picture for fast-moving object is not recommended.
2) Image may be distorted when taking picture in a moving vehicle.

5.6 Zooming In and Out

Your digital camera has an 8 step zooming selection. Zoom in or out by pushing the ▲ or ▼ (UP) or (DOWN) buttons. '8x' is the maximum zoom.

5.7 Taking Photos Using the Self-Timer Feature

You can use the self-timer feature when you wish to take a photograph of yourself, or when you wish to photograph for an object where the camera must held as still as possible.

1. Set the camera to PHOTO mode.
2. Press the MENU button (☰). The quick menu will appear.
3. Press the W(✓) button to select Capture Mode and confirm by pressing the SHUTTER button.
4. Press the W(✓) button to set the delay time: 10S Timer.
5. Press the SHUTTER button to confirm. The self-timer function is now ready for use.
6. Aim at the object you wish to take a photo of.
7. Press the SHUTTER button to take a photo.
8. The photo will be taken after the timer reaches the delay time of 10 seconds. The camera will beep during the delay time.

5.8 Recording Video Clips

1. Press the MODE button to select VIDEO mode.
2. To set the resolution, press the MENU button and select Resolution, then press the SHUTTER button to confirm. Two resolutions will be displayed: VGA (640 x 480), QVGA (320 x 240).
3. Press the SHUTTER button to start recording video. Press the SHUTTER button again to stop recording. The video clip will now be saved as an AVI file on your Micro SD card.

5.9 Playback Photographs

1. Press the PLAYBACK button to enter playback mode.
2. The last picture or video clip taken will be displayed. Use the left or right buttons to scroll through the pictures or videos.
3. In full screen display, press the T(^) button to zoom in to the photo.
4. To view your photos as a thumbnail, press the W(✓) button.
5. To shift the image in zoom-in mode, press the SHUTTER button then use the up/down/left/right buttons.
6. Press the MENU button in Playback mode. Press and hold MENU button until the Menu options are displayed. Select SLIDE SHOW and select the desired slide show time.
7. Press the SHUTTER button to confirm. The pictures saved on you Micro SD card will be displayed in sequence automatically. To stop slide show, press SHUTTER button again.

5.10 Playback Video Clips

1. When video clips are displayed, press the SHUTTER button to start playing the video and press the SHUTTER button again to pause the playback.
2. Press right button to fast-forward, or press left button to rewind.
3. Press the down button to stop.
4. Press the MODE button to exit.

5.11 Deleting Photographs and Video Clips

You can delete a single photograph / video clip, or delete all the photographs / video clips in the memory.

1. Press the (▶) button to enter PLAYBACK mode.
2. Press left or right button to select the photograph / video clip to be deleted.
3. Press the MENU/delete button (☰) and select "Delete This Image(Video)" or "All" .
4. Press the SHUTTER button, then select OK to confirm.
5. Press the Mode button to exit.

NOTE: Selecting "All" and pressing the SHUTTER button to confirm, will delete all your pictures and videos.

6. Connecting to a PC

Your digital camera can be connected to the computer as a Mass Storage Device and can download the videos and photos to your PC. Simply attach the camera to an open USB port. Go to Start → My Computers → and find the removable disk. Your digital camera acts like a card-reader when connected and can be easily accessed this way. Your media will be stored in a folder on this removable disk.

7. Specifications

Sensor	5.0 Mega pixel CMOS sensor
Image Resolution	12.0 Mega Pixels: (4032x3024)
	8.0 Mega Pixels: (3264x2448)
	5.0 Mega Pixels: (2560x1920)
	3.0 Mega Pixels: (2048x1536)
	1.3 Mega Pixels: (1280x960)
	VGA: (640x480)
Lens	F/2.8 f = 8.5mm
Focus Range	0.5m. ~ Infinity
Macro Mode	11cm – 18cm
Digital Zoom	8x
Flash Light	Built-in (Auto / ON / OFF)
LCD Display	2.4" LCD color display
White Balance	Auto / Daylight / Cloudy / Fluorescent / Tungsten
Video Mode	30fps@VGA / 30fps@QVGA with Micro SD Card
External Memory Card	Supports Micro SD cards up to 16GB
File Formats	Picture: JPEG, Video: AVI
Self Timer	10 seconds
Connectivity	USB 2.0
Power source	2xAAA Alkaline Batteries

8. Computer System Requirements

Operating system	Windows XP / Vista or Above Mac OS 10 or Above
CPU	Pentium III or Above
RAM	At least 64MB
Interface	USB 2.0 Port
CD	4x speed CD ROM or above

9. Troubleshooting

Problem	Cause	Solution
Cannot power on.	Low battery power. Batteries not inserted properly.	Fully charge, replace or install the batteries correctly.
Photos cannot be saved when taking pictures.	The memory card hasn't been inserted or formatted properly or memory is full.	Format the memory in SETUP mode of the camera. Please refer to section 5.3, or reinsert the memory card.
Cannot find removable disk after connecting the camera to the computer.	Connection failure.	Make sure all cable connections are secured and restart the computer if necessary.
Flash does not work.	Battery power is too low.	Replace with new 2x AAA alkaline batteries.
The batteries drain quickly.	Incorrect or old, used up, battery	Replace with new 2x AAA alkaline batteries.
The photos are blurry	1. The camera is not being held steadily 2. The lens of camera is dirty.	1. Hold the camera steadily until it beeps when taking video photo. 2. Clean the lens with soft dry

	3. The camera is set to the wrong focus mode.	cloth.
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