Sony RX100 Settings

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The following are settings to use for different scenarios. References to the menu are tab/page for the RX100 VI. If you have a different version the tab should be correct but the page might be different. For example, this one is under Camera #2, page 9.

Cam2/9 > Function Menu Set
Focus Mode	AF-S
Focus Area	Wide
Metering Mode	Multi
Flash Comp.	+0.7 (assumed fill but increased by 0.7 for main light)

```
Cam2/9 > Custom Key > Right Button: ISO
Cam2/9 > Custom Key > C Button: AEL Toggle
Cam2/9 > Custom Key > Control Ring: Standard
Cam2/9 > Custom Key > Center Button: Focus Standard
Down button: Exposure Compensation (hard wired)
```

Normal Shooting
Focus Mode: AF-S
Focus Area: Wide
ISO: Auto ISO, Auto Min: 125, Auto Max: 3200

slow shutter speed?
    Left Arrow > Drive Mode: continuous shooting - Low (3 images/sec), pick best shot
close-up?
    zoom to 50mm, fov is 3", crop as needed
    1/4 area: fov is 1.5", 20mp/4 = 5mp, same as sony 707
Eye AF?
    half-press shutter release
    as long as eyes are inside the focus square it's possible to focus on the eyes
focus-recompose?
    half-press shutter to focus, recompose, and shoot

Requires:
    Cam1/4: Face Priority in AF: On

Manual Exposure
M on the dial
Down Arrow: switch between shutter speed and aperture
Auto ISO: flashes when ISO is out of range
Fixed ISO: bottom center acts as light meter and indicates over/under exposure

Exposure Lock
Focus Mode: AF-S
AEL-Toggle: C Button locks exposure and switches to spot metering
unlocks when you toggle again -- an asterisk appears when exposure is locked

For example, to photograph someone on stage zoom in, AEL-Toggle, then zoom back out to include more of the stage.

Requires:
    Cam1/7 > AEL w/Shutter: Auto

Focusing

Manual Focus

Focus Mode: MF
Lens Ring: to focus

Requires:
```
Cam1/11 > Focus Magnif. Time: 2 sec
Cam1/11 > Initial Focus Mag.: x1.0
Cam1/11 > MF Assist: On
Cam1/11 > Peaking Setting: On/High/Yellow
```

`Focus Area: Wide`

Camera chooses the focus spot. Tap the screen to change the location of the focus spot and a black square will appear indicating the location of the spot. Next time you shoot it will start focus on the same place again. Drag the square, or click on the screen, to reposition the square. Press the Center button and the square will go away so the camera can choose a focus spot. This allows the camera to choose a focus spot yet it is easy to override.

`Focus Area: Center`

A focus spot, depicted as a black square, is always the center of the frame. A good choice for focus-recompose.

Focus Area: Flexible Spot

operates in two modes — press the Center button to toggle modes
mode 1: use this mode to configure
   use wheel to resize
   press C to center
   to reposition drag the square, touch screen, or use the arrow keys
mode 2: use this mode when taking pictures
   to reposition drag the square or touch the screen
   in this mode you can use arrow keys, wheel, and C button for other things

Focus Area: Lock-on AF

When Focus Mode is AF-C select Lock-on AF, click on the Right button, and choose Wide, Center, or Flexible Spot. The camera will lock onto the subject and track it as it moves across the frame.

Focus Mode: AF-S

Single shot autofocus. Once focus is achieved it is locked and repositioning the camera will not change focus. The camera will detect eyes (Eye AF) when you half-press the shutter release. If you want to focus on the eyes this is your ticket.

Focus Mode: AF-C

Continuous autofocus. Once focus is achieved the object will be tracked and focus updated when Lock-on AF is specified. To enable Eye AF you must bind a button to the Eye AF feature and press it at the same time you press the shutter release. Well, that's a bit awkward! Since this camera has a smallish sensor, and depth of field is large, there is not much to be gained by this feature. Anyway, I ran out of buttons.

Summary

Make all the settings:

```
Cam1/4: Face Priority in AF: On
Cam1/7 > AEL w/Shutter: Auto
Cam1/11 > Focus Magnif. Time: 2 sec
Cam1/11 > Initial Focus Mag.: x1.0
Cam1/11 > MF Assist: On
Cam1/11 > Peaking Setting: On/High/Yellow
Cam2/9 > Custom Key > C Button: AEL Toggle
Cam2/9 > Custom Key > Right Button: ISO
Cam2/9 > Custom Key > Center Button: Focus Standard
Cam2/9 > Custom Key > Control Ring: Standard
```

Then adjust your camera as follows:

```
Focus Mode: AF-C
Focus Area: Lock-on AF: Wide
Dial: A (Aperture priority)
Left Arrow > Drive Mode: continuous shooting - Low (3 images/sec)
```

After making these settings switch Focus Mode to AF-S. Wide will now be the default for both AF-C and AF-S. Zoom to full wide angle and set aperture to f/2.8. Leave it at this setting unless it's too bright. The camera automatically sets shutter speed and ISO. As the scene darkens it will reduce shutter speed until **ISO AUTO Min SS (Cam1/6)** is encountered, then increases ISO. This is just what you want for a quality image.

For action shots, where high ISO values are okay, switch to S (Shutter priority) and dial in higher shutter speeds. As you increase shutter speed the ISO value will also increase. In this case no check is made to ensure that your shutter speed is fast enough, based on current focal length, to compensate for camera shake. This check is only done for A (Aperture) and P (Program) modes. It does not work if the dial is set to Auto mode.

When you press the shutter release it will start shooting 3 frames/sec. For just one shot quickly press and release. To manually focus set Focus Mode to MF and focus with the Lens Ring. For tracking set Focus Mode to AF-C. For Exposure Lock press the **C** Button.