% 每按下一次enter键，采集一次棋盘格图片，分别存储左右相机图片在不同文件夹下

% Open the ZED

zed = webcam('ZED');

preview(zed);

% Set video resolution=720P

zed.Resolution = zed.AvailableResolutions{1};

% Get image size

[height, width, channels] = size(snapshot(zed));

ok = 1;

i = 0;

% Start loop

while ok

% get key value

w = waitforbuttonpress;

if w

% Capture the current image

img = snapshot(zed);

% Split the side by side image image into two images

image\_left = img(:, 1 : width/2, :);

image\_right = img(:, width/2 +1: width, :);

% save images

imwrite(image\_left, ['E:\zed\leftImage\',num2str(i),'.jpg']);

imwrite(image\_right, ['E:\zed\rightImage\',num2str(i),'.jpg']);

% Display the left and right images

subplot(1,2,1);

imshow(image\_left);

title('Image Left');

subplot(1,2,2);

imshow(image\_right);

title('Image Right');

drawnow;

i = i+1;

end

end