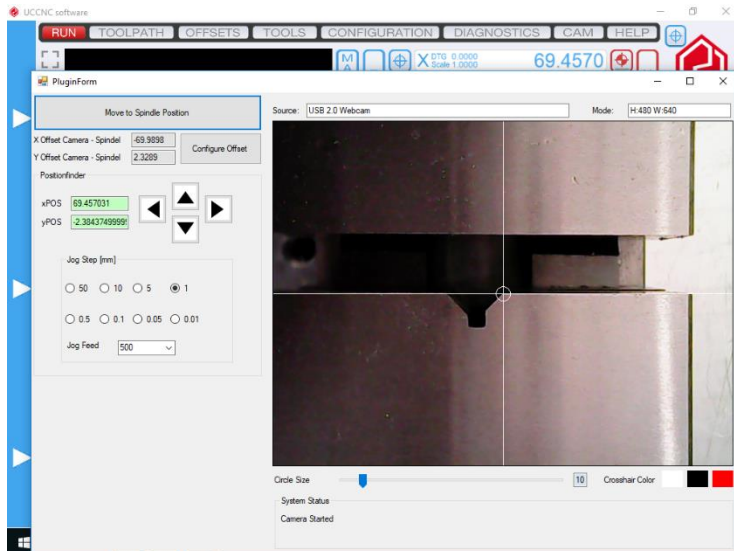


## Camera Plugin for UCCNC to Find x, y Zero Points Coordinates on your Milling Machine

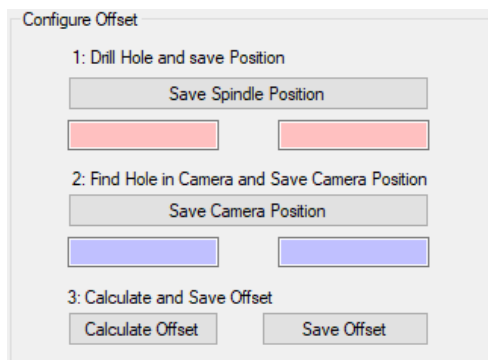
Enable and Show the Plugin. You should see this Screen



Jog around to find the 0 point on your workpiece

Click “Move to Spindle Position” to move the Spindle Center to the Point found in the Camera

Because the Camera will be mounted somewhere parallel to the Spindle Center on the Z Axis, you will need to define the X / Y Offset before the first use (this offset defines where the camera is mounted relative to the Spindle Center)



The Plugin offers an easy way to configure the Offset x/y values. Click “Configure Offset” you follow the instructions

### Installation:

1. Copy *MyCameraUCCNC2111.dll* to your Plugin Directory
2. Copy *AForge.Controls.dll*, *AForge.Imaging.dll* to your UCCNC Root directory
3. Start UCCNC, enable the Plugin and restart UCCNC
4. Show the Plugin
5. I recommend defining a new Button to open the plugin from the UCCNC Screen

### System Requirements:

Requires UCCNC 1.2111 (the Target .NET Framework is 4)