**%Download the following file before starting:** 

- WinPAC 5231 OS Image (ver.1.0.1.8 or later)
- System Disk Installation package (am335x\_system\_disk\_xxxxxx.cab)
- WISE-52xx 224x Installer
- <u>WISE-52xx firmware</u>

# WISE-52xx update OS and install firmware steps are as follows:

Step 0. Connect the WISE module to a screen and a mouse.

Step 1. Copy the WISE rule file to Micro SD for backup. (If you have not set WISE before, skip this step.)

Rule file path: **\System\_Disk\Tools\WISE\www\rules.xml** Copy to: **\Micro\_SD** 

Address \System_Disk\Tools\WISE\www									
Name				Size	Туре		Date Modified		
CSS					File Folder		10/22/2018 3	17 PM	
🗁 dll					File Folder		10/22/2018 3	17 PM	
🗁 html					File Folder		10/22/2018 3	17 PM	
🗁 image					File Folder		10/22/2018 3	18 PM	
🗁 js					File Folder		10/22/2018 3	18 PM	
🗁 lang	-				File Folder		10/22/2018 3	19 PM	
🔊 index	Eile	Edit	View	<u>G</u> o	Favorites	ا 🔶 🗘	1 🗙 🗗	<b>•</b>	
a rules	Made								
🔊 rules_bak	<u><u></u><u>A</u><u>a</u>ar</u>	ess wi	cro_SD						
🔊 rules_debug	Name				Size	Type		Date Modifie	ed
	🔊 rule	es			552 bytes	XML File	9	10/5/2018	9:25 AM

#### Step 2. Put the following files into Micro SD

- All unzipped files of WinPAC 5231 OS Image (EX: EBOOTND.nb0,...)
- am335x\_system\_disk\_xxxxxx.cab
- WISE-52xx\_224x Installer (Unzip it into a folder and put the WISE firmware into the firmware folder.)

Address Micro_SD				
Name	Size	Туре	Date Modified	
		File Folder	10/2/2018 5:34 PM	
🗁 Debug		File Folder	10/2/2018 5:24 PM	
🗁 FTP		File Folder	10/2/2018 5:34 PM	
🗁 IPCamera		File Folder	10/2/2018 5:34 PM	
Cog		File Folder	10/2/2018 5:24 PM	
🗁 WISE-52xx 224x Installer		File Folder	10/3/2018 11:00 AM	
🔊 rules	7.46KB	XML File	10/18/2018 4:18 PM	
🆓 am335x_system_disk_20180911	42.6MB	CAB File	10/22/2018 4:33 PM	
IMEBOOTSD	256KB	NBO File	10/22/2018 4:34 PM	
MLO	84KB	File	10/22/2018 4:34 PM	
MK	75MB	BIN File	10/22/2018 4:34 PM	
🛋 XLDRNAND	127KB	NBO File	10/22/2018 4:34 PM	
🛋 XLDRSD	84KB	NBO File	10/22/2018 4:34 PM	
BEBOOTND	256KB	NBO File	10/22/2018 4:34 PM	

## Step 3. Install the OS and clear the System Disk

- 1) Turn the WISE rotary switch to the position of 7.
- 2) Restart the WISE.





The System Disk Cleanup and OS Installer will be completed.

#### Step 4. Install System Disk software tools

1) After the automatic restart, turn the WISE rotary switch to the position of 0.



 Open the am335x\_system\_disk\_xxxxxx.cab file in the micro SD and install the System Disk software tool (Click the file and press OK).

Size	Туре	Date Modified	
	File Folder	10/2/2018 5:34 PM	
	File Folder	10/2/2018 5:24 PM	
	File Folder	10/2/2018 5:34 PM	
	File Folder	10/2/2018 5:34 PM	
	File Folder	10/2/2018 5:24 PM	
	File Folder	10/3/2018 11:00 AM	
7.46KB	XML File	10/18/2018 4:18 PM	
42.6MB	CAB File	10/22/2018 4:33 PM	
256KB	NBO File	10/22/2018 4:34 PM	
84KB	File	10/22/2018 4:34 PM	
75MB	BIN File	10/22/2018 4:34 PM	
127KB	NBO File	10/22/2018 4:34 PM	
84KB	NBO File	10/22/2018 4:34 PM	
256KB	NBO File	10/22/2018 4:34 PM	
	Size 7.46KB 42.6MB 256KB 84KB 75MB 127KB 84KB 256KB	Size Type   File Folder File Folder   File Folder File Folder   File Folder File Folder   File Folder File Folder   7.46KB XML File   42.6MB CAB File   84KB File   75MB BIN File   127KB NBO File   84KB NBO File   84KB NBO File   84KB NBO File	

## Step 5. Install WISE-52xx firmware

1) Open the **WISE-52xx\_224x Installer** folder in the micro SD and execute the WISE-52xx\_224x Installer (.exe) for WISE firmware installation.

Address Micro_SDWISE-52xx_224x Installer						
Name	Size	Туре	Date Modified			
🗁 firmware		File Folder	10/3/2018 11:00 AM			
🔊 Ionic.Zip.CF	176KB	Application Extension	10/3/2018 11:00 AM			
🔊 PAC_Private	11KB	Application Extension	10/3/2018 11:00 AM			
N PACNET	25KB	Application Extension	10/3/2018 11:00 AM			
WISE-52xx_224x Installer_v1.0.6	182KB	Application	10/3/2018 11:00 AM			

2) If you want to reset all settings on WISE, please check "Reset All Settings", and then click on "Installation".



3) After the installation is complete, please click "Reboot".



### Step 6. Network settings

Due to the Step 5 the network settings was reset, please manually set the original settings.



#### Step 7. Restore WISE rule file

1) Copy the WISE rule file for Step 1 backup (\Micro\_SD\rules.xml) to \System\_Disk\Tools\WISE\www.

Address Micro_SD						
Name	Size Type	Date Mo	dified			
CloudLog Debug	Address System_Disk\Tools\WISE\www					
ETP 5	Name	Size	Туре			
🗁 IPCamera	CSS		File Folder			
Cog	🗁 dli		File Folder			
🗁 WISE-52xx_224x Installer	🗁 html		File Folder			
<b>a</b> lrules	🗁 image		File Folder			
	🧰 js		File Folder			
1 I I I I I I I I I I I I I I I I I I I	🗁 lang		File Folder			
	💽 index	9.37KB	HTML Document			
		119KB	XML File			

2) Delete the OS files in the Micro SD card.

Address Micro_SD			
Name	Size	Туре	Date Modified
CloudLog		File Folder	10/2/2018 5:34 PM
Debug		File Folder	10/2/2018 5:24 PM
🗁 FTP		File Folder	10/2/2018 5:34 PM
🗁 IPCamera		File Folder	10/2/2018 5:34 PM
🗁 Log		File Folder	10/2/2018 5:24 PM
🗁 WISE-52xx_224x Installer		File Folder	10/3/2018 11:00 AM
🔊 rules	7.46KB	XML File	10/18/2018 4:18 PM
Ram335x_system_disk_20180911	42.6MB	CAB File	10/22/2018 4:33 PM
i≊] EBOOTSD	256KB	NBO File	10/22/2018 4:34 PM
MLO	84KB	File	10/22/2018 4:34 PM
NK .	75MB	BIN File	10/22/2018 4:34 PM
XLDRNAND	127KB	NBO File	10/22/2018 4:34 PM
🔊 XLDRSD	84KB	NBO File	10/22/2018 4:34 PM
BOOTND	256KB	NBO File	10/22/2018 4:34 PM

3) After restarting WISE, all steps are completed.