

## Merit LILIN Application Note LILIN IP Camera OS 1.4

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**Subject:** What is LILIN IP Camera OS 1.4 LILIN Pro Series IP cameras are based on OS version 1.0. LILIN L Series IP cameras are based on OS version 1.1.

LILIN consolidate these firmware, OS 1.0 and OS 1.1, into OS 1.4. You can now benefit single firmware policy for LILIN Pro and L series cameras.

- If the firmware version is based on 1.0 (Pro Series), please update flashaml.bin for OS 1.4 on your IP camera.
- If the firmware version is based on 1.1 (L Series), please update flashaml32.bin for OS 1.4 on your IP camera.
- If the firmware version is based on 1.4 (OS 1.4), please update flashaml33.bin for upgrade on your IP camera.

Products: Pro series, L series, Z series, VS212, FD2452,

Warning: To update to OS 1.4, it takes about 10 minutes to finish the upgrade process. Do not reboot the camera while the firmware is upgrading. Try to ping the camera continuously as shown below: When the firmware gets upgraded, the camera reboots by itself. You can see the request timedout in the command prompt. After the camera gets reboot, you can verify the camera back to live by ping command. Try to refresh the webpage again after the camera is back to live.

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## How to determine the OS of the IP camera

Visit System->General. If the firmware version is 1.0.xx, the firmware is OS 1.0. If the firmware version is 1.4.xx, the firmware is OS 1.4.

System V	ideo / Audio 🔰 Network	Event	Notification	Maintenand
General User	Advance >> System >	> General		
Timer	MAC Address	00:0f:fc:24:95:55		
System Log	Firmware Version	1.4.32m		
	OS Version	Linux 2.6.38		
	System Reboot Time	2004/01/10 21:37:59		
	Device Name	IPR434/8		
	OSD Font	Inable O Disable		
	OSD Timer	Enable Disable		
	ActiveX OSD Display	Enable Disable		
	ActiveX OSD Name	IPR434/8		
	Low Latency Mode	Enable Disable		

## What are new in OS 1.4

- SNMP v1, v2,and v3
- Multicast
- IPv6
- SIP
- IP filtering
- Extra three IP addresses
- HTTP event post with JPEG snapshot
- ONVIF is certified via ONVIF tool 14.06
- APNS (Apple Push Notification Service)
- GCM (Google Cloud Messaging)
- Bonjour
- Samba

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