

Title:	Comparison of Old Hardware and New Hardware				
Date:	06/30/2014	Version:	1.0	Pages	2
Product:	DS-2DE51xx/71xx-A(E) Value Series IP PTZ				
Action Required:	Information only				

DS-2DE51xx-A and DS-2DE71xx-A series PTZ manufactured before 12/31/2013 are old hardware, and can NOT be upgraded to v5.1.5 and above firmware.

DS-2DE51xx-A and DS-2DE71xx-A manufactured later than 01/01/2014, DS-2DE51xx-AE(3) and DS-2DE71xx-AE PoE series use new hardware, and can be upgrade to V5.1.5 and above version firmware.

You can use SADP software or web browser to get PTZ serial number with manufactured date as following figures. This example PTZ below was manufactured on 10/19/2013 (20131019 in serial number).

DS-2DE7184-A

The screenshot shows the 'Configuration' page for a device. The left sidebar has 'Local Configuration', 'Basic Configuration', and 'Advanced Configuration' sections. The main area is titled 'Device Information' and contains a 'Basic Information' table:

Device Name	ZOOM CAMERA
Model	DS-2DE7184-A
Serial No.	DS-2DE7184-A20131019CCWR437760485
Firmware Version	V5.0.2 build 130926
Encoding Version	V4.0 build 130926
Number of Channels	1
Number of HDDs	0
Number of Alarm Input	1
Number of Alarm Output	1

A 'Save' button is located at the bottom right of the configuration area.

The screenshot shows the SADP software interface with a table of online devices:

ID	Device Type	IPv4 Address	Port	Software Version	IPv4 Gateway	Serial No.	Subnet Mask	MAC Address	Encoding Channel	DSP Version	Start Time
001	DS-2DE7184-A	10.102.103.71	8000	V5.0.2build 130926	192.168.0.244	DS-2DE7184-A20131019CCWR437760485	255.255.255.0	44-19-b7-15-4...	1	V4.0, build 13...	2014-07-01 12:5...
002	DS-2CD2732F-IS	10.102.103...	8000	V5.1.6build 140514	10.102.103.1	DS-2CD2732F-IS20140322CCWR456748371	255.255.255.0	44-19-b6-1c-b...	1	V5.0, build 14...	2014-06-28 00:5...

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Difference of Old Hardware and New Hardware:

Function \ Version	Old Hardware manufactured before 12/31/2013 , only using v5.0.2 firmware	New Hardware with v5.1.5 or above
Privacy	Not support	Support up 2 rectangle areas
ROI	Not support	Up to 2 rectangle ROI areas can be set respectively for main-stream and sub-stream
Scheduled Tasks	Not support	Up to 10 scheduled tasks for each day.
Limit position settings	Not support	Added in web client
PTZ Movement Para. Settings	Park Function	Auto Flip, Proportional Pan, Park function, Zoom status, Auto scan speed, keyboard control speed, and preset speed.
IR control (for DS-2DE71xx series PTZ)	Triggered by photosensitive	<ol style="list-style-type: none"> 1. Add IR triggered by PTZ module on web client; 2. Add IR brightness settings; 3. Add Smart IR; 4. Improved the focus performance at night when zoomed in;
Max. tilt angle settings	By OSD menu of preset #95	On web client
Patrol Settings	By OSD menu of preset #95	On web client
HLC	Not support	Added in the web client
One button patrol function	Not support	By calling preset #45