

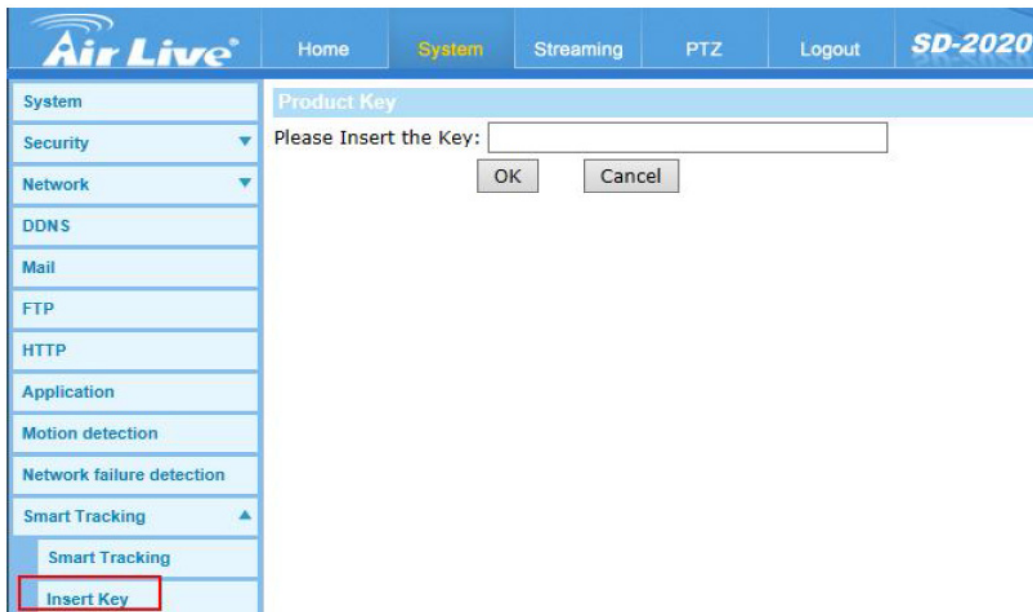
SD-2020 Smart Tracking Installation Guide

1. Enable the Smart Tracking Function

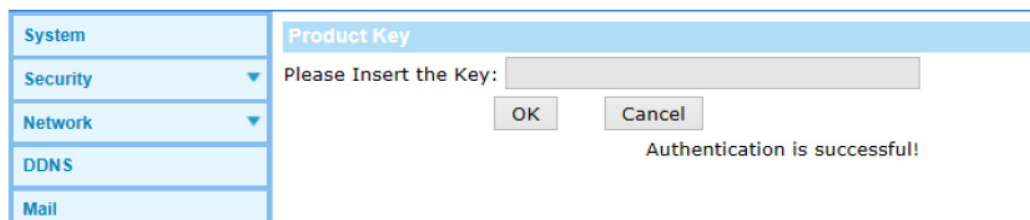
Before using the Smart Tracking function, you need to install the Smart Key first.

**Please contact to your dealer for further information.*

Please go to System->Smart Tracking->Insert Key.

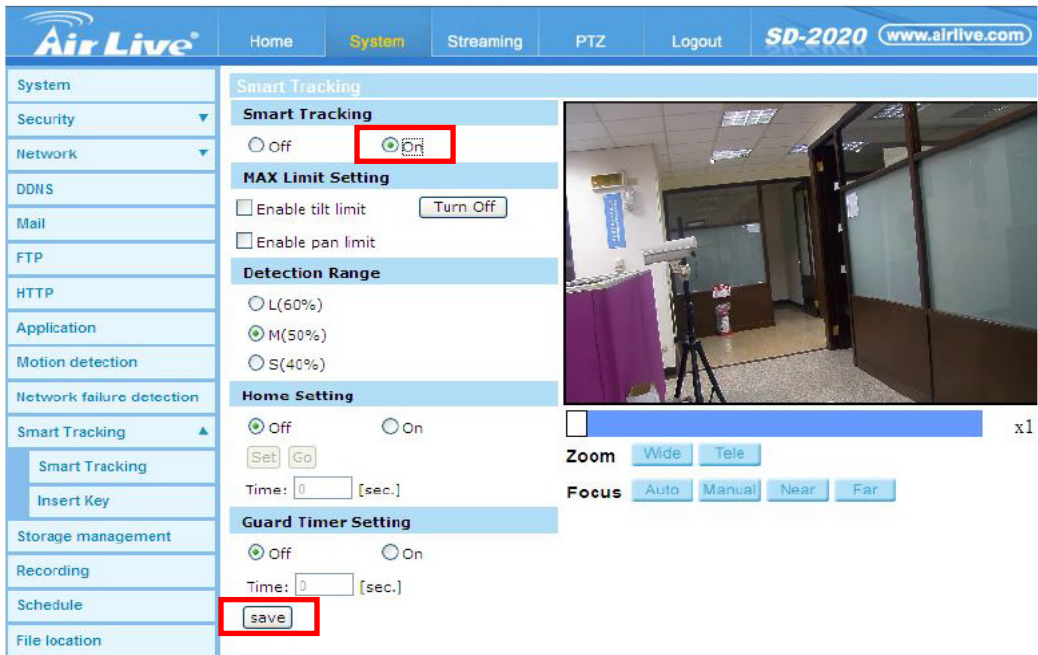


Key in the Product Key and you will see the message "Authentication is successful" after finished.



2. Turn on the Smart Tracking Function

Select "On" and press "save" to turn on the function first.

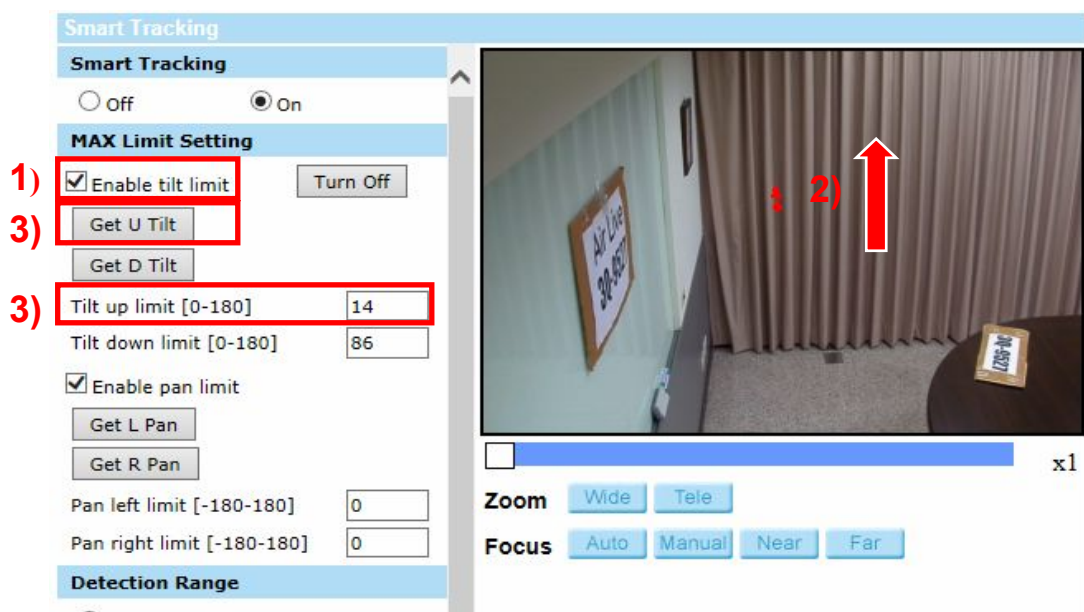


3. Setup the MAX Limit. **You can choose not to set the limit.*

Setup the boundaries of the tracking area.

- Tilt up Limit

- 1). Check the Enable tilt limit.
- 2). Drag up the red arrow to the position you want.
- 3). Press "Get U Tilt" and get the tilt-up value.



- Tilt down Limit

- 1). Check the Enable tilt limit.
- 2). Drag down the red arrow to the position you want.
- 3). Press "Get D Tilt" and get the tilt-down value.

The screenshot shows the 'Smart Tracking' control panel on the left and a live video feed on the right. In the 'MAX Limit Setting' section, the 'Enable tilt limit' checkbox is checked and highlighted with a red box (1). Below it, the 'Get D Tilt' button is highlighted with a red box (3). The 'Tilt down limit [0-180]' field is set to 86 and is also highlighted with a red box (3). The video feed on the right shows a room with a whiteboard and a table. A red arrow (2) points downwards from the top of the frame, indicating the tilt-down action.

- Pan Left Limit

- 1). Check the Enable pan limit.
- 2). Drag left the red arrow to the position you want.
- 3). Press "Get L Pan" and get the pan-left value.

The screenshot shows the 'Smart Tracking' control panel on the left and a live video feed on the right. In the 'MAX Limit Setting' section, the 'Enable pan limit' checkbox is checked and highlighted with a red box (1). Below it, the 'Get L Pan' button is highlighted with a red box (3). The 'Pan left limit [-180-180]' field is set to 0 and is also highlighted with a red box (3). The video feed on the right shows the same room as the previous screenshot. A red arrow (2) points to the left from the center of the frame, indicating the pan-left action.

- Pan Right Limit

- 1). Check the Enable pan limit.
- 2). Drag right the red arrow to the position you want.
- 3). Press "Get R Pan" and get the pan-right value.

The screenshot shows the 'Smart Tracking' control panel on the left and a camera view on the right. The 'MAX Limit Setting' section is active, with 'Enable pan limit' checked. A red box highlights the 'Get R Pan' button. Below it, the 'Pan right limit [-180-180]' is set to 0. A red box also highlights this value. In the camera view, a red arrow points to the right, with a '2)' and a double-headed arrow above it, indicating the adjustment of the pan limit.

Smart Tracking
Smart Tracking
 Off On

MAX Limit Setting
 Enable tilt limit

Tilt up limit [0-180]
Tilt down limit [0-180]
1) Enable pan limit

3)
Pan left limit [-180-180]
3) Pan right limit [-180-180]

Zoom x1
Focus

4. Setup the Detection Range.

Setup the detection range by three different levels (S/M/L).

The screenshot shows the 'Smart Tracking' control panel on the left and a camera view on the right. The 'Detection Range' section is active, with 'M(50%)' selected. A red box highlights this selection. The camera view shows a wider field of view compared to the previous screenshot, indicating the effect of the detection range setting.

Smart Tracking
Smart Tracking
 Off On

MAX Limit Setting
 Enable tilt limit
 Enable pan limit

Detection Range
 L(60%)
 M(50%)
 S(40%)

Home Setting
 Off On

Time: [sec.]

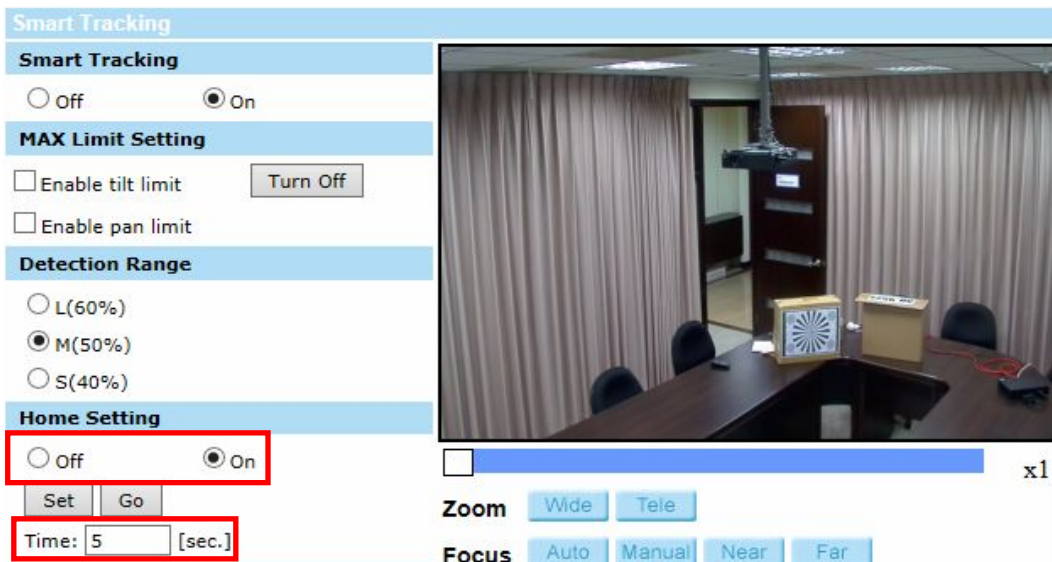
Zoom x1
Focus

5. Set the time to back to home position.

**You can choose to turn off.*

SD-2020 will go back to home position in specific seconds no matter what the position it is on or during the tracking procedure.

- 1). Select "On".
- 2). Drag the red arrow to any position you want and press "Set".
- 3). Set Time from 1 to 999 sec.
- 4). Press "Save".
- 5). You can press "Go" to test the home position.



6. Set the Guard (Smart Tracking) Time.

**You can choose to turn off.*

SD-2020 will stop tracking in specific seconds.

- 1). Select "On".
- 2). Set Time from 1 to 999 sec.
- 3). Press "Save".

Smart Tracking

Smart Tracking

Off On

MAX Limit Setting

Enable tilt limit

Enable pan limit

Detection Range

L(60%)

M(50%)

S(40%)

Home Setting

Off On

Time: 0 [sec.]

Guard Timer Setting

Off On

Time: 10 [sec.]



x1

Zoom

Focus