Introduction
It is based on our motion tracking technology. The auto tracking camera can track moving object in its video area. It can realize unattended video surveillance.

Real Point of Auto Tracking
It gives a wider and more flexible view than a regular high speed dome. It can be used as a combination of 3-4 regular high speed domes.

What Auto Tracking Can Do?
- Auto zoom in/out on moving object. It will give details of the moving object;
- Tracking during cruise: tracking can be activated during a cruise operation. Each point of the preset list will be monitored with tracking function;
- Tracking triggered with alarm: The alarm system can give a signal to the ptz and activate the tracking;
- Tracking trigger to alarm: When there is a moving object, the PTZ will start tracking and then output a signal to alarm system for other actions such as light control, recording;
- Home position: The ptz will return to home position some time after the moving object disappears;
- Tracking time: tracking can last as per user requirement. After a programmed time (min/sec), the ptz will stop tracking on one object and execute other actions (such as home position, cruise);
- Clock and Event: The tracking functions as well as other regular functions can be scheduled. For example, at night (9pm - 6am), tracking can be automatically activated;
- Tracking Sensibility: size and back ground sensibility of movements; This will be very useful when there is a small movement or when there is a moving object similar to the background color;
- Auto tracking on power-on: ptz starts tracking when powered on;
- Auto tracking on park: after some time when there is no commands, ptz starts tracking;
- A combination of the above tracking functions will be very powerful in real video surveillance. User can program the ptz as per different applications.

Example One
Application
There is a room with an entrance and we need to start tracking at night. During day time, the tracking needs to be switched off. And the system only has a limited disk space.

Solutions
- Set the entrance as preset 1 (home position);
- Set tracking time 4 secs (actually we don't need to track one guy all the time, the point is we need to give a shot of this guy to the recording system);
- Set tracking action: Lost and Return to home position;
- Set the alarm to give signal output upon tracking, to DVR/NVR;
- Set an event to start tracking from 9pm-6pm.

Example Two
Application
There is a complicated parking lot: different backgrounds with several possible entrances. It shall have an alarm and audio warning.

Solutions
- Set the entrances as preset 1, 2, 3...
- Set the above presets into a cruise list, cruise tracking ON;
- Set the tracking time 4 secs;
- Set the size sens: Small, Grey Sens: Low;
- Set the alarm to give signal output upon alarm system, and audio system of the IP ptz;

Applications
- Parking Lot
- Power
- Bank
- Toll Gate
- Residence
- Sea Port