



## Indoor Speed Dome Camera

# AVK312



### Product Overview

This indoor speed dome camera equipped with a 360° pan and 90° tilt base, and optical zoom lens and has the auto focus function. Moreover, it has many advanced functions, including intelligent auto tracking, IR filter shift, convenient keyboard controller control, and DCC Technology. With all these strong features, various demanding applications for safety surveillance can be easily achieved.

### Features

#### ◎ Pan/Tilt Mechanism and Auto-Focus Zoom Lens

- Provides 360° panning, 90° tilting and optical zooming functionality.

#### ◎ Auto Tracking Function to Follow Intruder

- With precise pan / tilt movement and zoom coefficient calculation, the speed dome camera can make **precise pan, tilt and zoom movement** to keep tracking intruders.
- The camera will automatically aim and follow the largest movement in the monitoring view, making the camera pan (max. 360°), tilt (max. 90°) and zoom to keep the target in the center of the view within: **(1) the camera's pre-defined surveillance area / (2) the pre-defined tracking timeout**. When the locked target is out of the pre-defined surveillance area or the aimed object stops moving longer than the pre-defined tracking timeout, the camera returns to the point it originally monitors. It's the best function to provide evidentiary recording.

#### ◎ Easy Operation via Keyboard Controller

- The optional keyboard controller provides convenient 3D joystick and touch screen design for easy operation.

#### ◎ PTZ Hot Point Function Supported

- You can control this speed dome camera with your mouse when your remote PC is connected to the DVR.

#### ◎ Advanced White Balance Function

- According to different color temperature and installation place, set the white balance function to the different mode.

#### ◎ Auto Scan & Sequence Program

- Enables to automatically cruise to up to 16 preset points, and up to 32 steps of sequence programs.

#### ◎ Mechanical IR Filter shift design

- Gets true color in the daytime and clear images at night.

#### ◎ DCC (DVR Camera Communication) Technology

- Connects to your DVR via only one coaxial cable, and the RS485 control cable is no longer needed.

## SPECIFICATIONS

### AVK312

#### ■ CAMERA

Signal System	NTSC or PAL
Pick-up Element	1/3" color CCD image sensor
Number of Pixels	768(H)*494(V)<NTSC> / 752(H)*582(V)<PAL>
Resolution	480TV lines
S/N Ratio	More than 48dB (AGC off)
Video Output	1.0 Vp-p. 75Ω
BLC	On / Off
Gain Control	Adjust
Sharpness	Adjust
White Balance	Auto / WB1 / WB2 / WB3
Color Gain	Adjust
Picture Effects	Mirror
Camera ID	Preset ID (8 characters)
Preset Points	16 preset points
Auto Mode	Sequence / Auto pan / Auto-Tracking / Auto-Tracking Pan Only

#### ■ LENS

Lens Type	2.5X Optical Zoom 4mm~9mm(F1.4~1.8)
F-number	F1.4(Wide)~F1.8(Tele)
Focal Length	0.88mm~inf.(Tele), 0.35mm~inf.(Wide)
Viewing Angle	40°(Tele)~90°(Wide)
Auto Electronic Shutter	1 / 60 (1/50) to 1 / 100,000 sec.
Auto Focus	Yes

#### ■ MECHANISM

Pan Range	360°
Pan Angle Setting	Possible (in auto-pan mode)
Tilt Range	90°
Zoom Speed	Approx. 3s (Tele / Wide)

#### ■ OTHERS

Auto-Tracking	Yes
Power Source (±10%)	DC12V
Dimensions (mm)**	134(D) x 122(H)

\* Specifications are subject to change without notice.

\*\* Dimensional Tolerance: ± 5mm