



AVK584

Speed Dome Camera

(22X Zoom / Auto-Tracking)



OVERVIEW

This 22X speed dome camera, AVK584, is a controllable camera, allowing users to manually adjust & set camera parameters from a DVR without additionally connecting RS485 control wires. It can be used with our DCCS DVR series for directly control, or with other brand's DVR controlled via our optional DCCS control box, AVK-T1.

FEATURES

- Supports DVR / Camera Communication System (DCCS) Technology
 - There's no need to additionally connect RS485 control wires for camera control because the control signals can be transferred by coaxial cables directly.
 - Camera installation is highly simplified to lower labor cost and working hours.
- Advanced Auto Tracking Accuracy
 - to follow the moving object
- Smart Zoom
 - to automatically zoom in the moving object & Auto-focus zoom lens
- Rigid & High-Speed Pan / Tilt Mechanism with Two-Million Rotation Test Passed
 - for longer operating lifetime
- Pelco-D & Pelco-P Support
 - for higher compatibility
- Flexible Color / Shutter Parameters Adjustment
 - to adapt various light conditions
- Hot Point
- Graphical On-Screen Display
- Excellent outdoor ID design with cable management
- Ambient Operating Temperature $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
- Easy Operation via Keyboard Controller
- IP66, suitable for outdoor use
- Up to 256 preset points & eight preset groups, and Auto Scan

SPECIFICATIONS

GENERAL	
Signal System	NTSC or PAL
Pick-up Element	1/4" Sony Color Super HAD CCD image sensor
Number of Pixels	768(H)*494(V)<NTSC> / 752(H)*582(V)<PAL>
Resolution	480TV lines
Min. Illumination	0.3 Lux / F1.6
S/N Ratio	More than 48dB (AGC off)
Video Output	1.0 Vp-p. 75Ω
BLC	On / Off
Gain Control	Low, Medium & High / Off
Sharpness	Low / Medium / High
White Balance	Auto / Indoor 1 / Indoor 2 / Sun / Cloudy * Indoor1 = 9000K; Indoor2 = 3000K; Sun = 5500K; Cloudy = 7000K
Camera Title	10 characters
Preset Points and Sequence	Total 8 groups, 256 programmable preset points * The sequence of all the preset points will follow the order of the minimal panning route.
Auto Tracking	Yes (combined with auto zoom focus tracking)
LENS	
Focal Length	f3.9 mm ~ f85.9 mm
F-number	F1.6 (Wide) ~ 3.7 (Tele)
Viewing Angle	4°~ 60°
Auto Electronic Shutter	1 / 60 (1/50) to 1 / 100,000 sec.
Auto Focus	Manual / Auto
MECHANISM	
Pan Range	360°
Pan Speed	360°/ 1 sec * The pan speed can be adjusted according to the different pan speed mode.
Tilt Range	90°
Tilt Speed	0°~ 90°under 1 sec
Zoom Ratio	22X optical zoom
Zoom Speed	Approx. 7s (Tele ~ Wide)
OTHERS	
IP Rating	IP66
Ambient Operating Temperature	-10°C ~ 50°C (14°F ~ 122 °F) Fan: 40°C on, 30°C off Heater: 5°C on, 15°C off
Power Source (±10%)	DC12V
Current Consumption	3A (max)
Dimensions (mm)**	323(W) x 339(H) (bracket included)
Optional Device	Keyboard controller

* Specifications are subject to change without notice.

** Dimensional Tolerance: ± 5mm

