



## **DS-2AF1-614X/604X 23X Analog Speed Dome(Indoor/Outdoor)**

### **Camera**

Image Sensor 1/4 inch Sony Super HAD CCD  
Effective Pixels PAL: 752 (H)×582 (V), NTSC: 768 (H)×494 (V)  
Horizontal Resolution 480(Color) 520(B/W)  
Signal System NTSC / PAL  
Min. Illumination 0.2Lux / F1.6 (Color) 0.02Lux / F1.6 (B/W)  
White Balance ATW / Manual  
AGC Auto / Manual  
S/N Ratio Better than 50dB  
BLC ON / OFF  
Electronic Shutter NTSC: 1/60~1/10,000s (16 steps),  
PAL: 1/50~1/10,000s (16 steps)  
Day&Night ICR  
Digital Zoom .---  
Privacy Blank .---  
Auto Focus Auto / Manual

### **Lens**

Focal Length 3.84-88.4mm, 23x zoom  
Zoom Speed Approx.3.3sec (Optical WIDE-TELE )  
Angular of View 52.2 degree (WIDE end) to 2.36 degree (TELE end)  
Min. Working Distance 1200mm  
Aperture Range F1.6-F4.5

### **Pan and Tilt**

Pan Range 360° endless  
Pan Speed Manual: approx. 0.3°/s-300°/s  
Preset: up to approx. 400°/s  
Tilt Range 0°~90° (Auto flip)

Tilt Speed Manual: approx. 0.5°~90°/s  
Preset: up to approx. 150°/s  
Proportional Pan/Tilt Control YES  
Number of Preset 200  
Auto Mode OFF / Preset / Patrol / Pattern / Auto Scan / Random Scan / Frame Scan  
Patrols 8  
Patterns 4  
Scheduled Task Scheduled Task: programmable Preset / Patrol / Auto Scan / Pattern / Random Scan / Frame Scan.  
Password Protection Preventing unauthorized person modifying the parameter  
Freeze Frame Freeze Frame during Preset (Just for DS-2DF1-616 / 606X).  
Auto Flip YES  
Parameter Restore Go to the speed dome last status after reboot  
Park Action Start to Call Preset / Patrol / Pattern / Auto Scan / Random Scan / Frame Scan, after a Defined Time of Inactivity  
PTZ Position Display ON / OFF

### **Alarm**

Alarm Input 7 channels input, priority is configurable  
Alarm Output 2 channels relay output, alarm linkage is configurable  
Alarm Actions Preset 1 ~ 200, Patrol 1 ~ 8 , PATTERN 1 ~ 4,  
Terminal output  
Monitor Output Monitor Output 1.0V[p-p] / 75Ω, NTSC (or PAL)  
composite, BNC

### **General**

Menu Language English, Chinese  
RS-485 Protocols HIKVISION, PELCO-P, PELCO-D (addible), self-adaptive  
Power Supply 24VAC (12VDC option)  
Power Consumption 30W max (Heater ON)  
Working Temperature/Humidity -30°C ~ 60°C (outdoor) / -10°C ~ 50°C (indoor),  
90% or less (without condensation)  
Water and Dust Resistance IP66 standard compatible (Just for outdoor dome)  
TVS 3000V limited lightning protection  
Dimensions 6 inch, Φ243(mm)×287(mm)  
Weight(approx.) 5kg