

SGC-EX-SD1080P



Key Features

Behavioral analysis, face capture function

- Built-in intelligent behavior analysis module, support cross cordon area, intrusion area, leaving area, wandering, people gather, fast-moving, parking, legacy item and items pick up rules arming, automatic detection, alarm linkage, storage

and transmission functions

- Built-in auto-tracking module, supports event trigger linkage tracking, also can set the tracing magnification
- Support multi-scene detection cruise
- Support target size filter configuration
- Support face capture function
- Web operation, complete SDK Support

A violation forensics

- Support for illegal parking, pressure lines, change lanes, retrograde, jams, turn around, machines accounted for automatic detection of non-urban roads and other events
- Support the HTTP functionality illegal data
- You can configure a variety of characters superimposed image synthesis mode
- Support illegal data uploaded to a central management system platform

System functions

- High-performance sensor, the image is clear, the maximum resolution of up to 1280x960
- Precision motor-driven, responsive, smooth operation, precision deviation less than 0.1 degrees, jitter-free images at any speed
- Support the standard API development interface, support Haikang SDK, ONVIF, CGI, PSIA, GB / T28181 and E Home Access Agreement
- Support RS-485 automatic recognition under the control of the HIKVISION, Pelco-P/D protocol
- Support three-dimensional intelligent positioning function, with DVR / client software / IE enables tracking and click to enlarge
- Support double backup system to ensure that data is not lost power
- Support power state memory function, automatically return to the PTZ and lens status after power off before
- Support lightning protection, anti-surge, anti-surge, outdoor ball reach IP68 protection

- Support for regular tasks presets / Pattern Scan / Cruise Scan / Auto Scan / vertical scanning / random scan / frame scanning / panoramic scan / ball machine restart / ball machine check / auxiliary output functions

Movement Features

- 20 x optical zoom, 12x digital zoom
- Support Auto iris, auto focus, auto white balance, backlight compensation, wide dynamic range, through the fog, light inhibition, electronic image stabilization, 3D digital noise reduction
- Support for regional exposure, focus area function
- Support ultra low-light, 0.02Lux / F1.4 (color), 0.002Lux / F1.4 (black and white)
- Support polygonal privacy masking, can be set up multi-regional, multi-color, mosaic optional

Network features

- Ethernet control, while supporting analog output
- Images can be viewed through the IE browser and client software for control and
- Supports standard Micro SD / SDHC / SDXC memory card
- NAS storage support video, video can resume broken network, supports up to 8 NAS disks
- Support three levels of user rights management, support for authorized users and passwords, supports HTTPS encryption and IEEE 802.1x network access control, IP address filtering
- Support Tri-streaming technology
- Support H.264 / MJPEG / MPEG4 video compression algorithm, support for multi-level video quality profile, H.264 coding complexity Baseline / Main / High Profile, supports real-time video output resolution of 960p and HDTV720p (in line with SMPTE296M standard)
- Support a variety of network protocols, IPv4 / IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
- 1 channel audio input and 1 audio output

PTZ function

- Horizontal 360 ° continuous rotation, vertical -5 ° ~+90 °, no blind spot monitoring
- Level preset speed up to 300 ° / s, vertical preset speed up to 180 ° / s
- Support 300 preset positions, and having a preset video freeze function
- Support eight cruise scanning, each can add up to 32 presets
- Support 4 pattern scan, each path recording time greater than 10 minutes
- Support zoom function ratio, the rotational speed can be automatically adjusted according to lens zoom ratio
- Support watchman function, preset / Pattern Scan / Cruise Scan / Auto Scan / vertical scanning / random scan / frame scan / panoramic scanning can stay a specified time in the idle state automatically call (including after power into the idle state)

- Support alarm function, built-in 7 alarm input and 2 alarm output, support alarm linkage, can trigger call preset points / cruising scan after the alarm / Pattern / SD card video / trigger switch outputs / electronic map client / intelligent capture / upload FTP / Mail linkage

Application Environments

Applicable for the factories having the explosive mixtures formed from class IIA,IIB and IIC T1-T6 group flammable gas, steam with air in area No.1 , No.2, and appearing the explosive hazardous area due to the mixture of flammable dust and air in area No.20,No.21 and No.22,such as oil field, chemical plant, port, oil storage, steamship, oil drilling platform, gas stations, coal mine, aviation, military, medicine, steel, firecrackers production, machinery, food processing and storage and so on.

Product Parameter



Model: SGC-EX-SD1080P

Certificate of Conformity

- (1) Marking: Exd II CT6 / DIP A20 TA,T6
- (2) Cer. No.: CNEX12.3076x

Mechanical features

- (1) Material: 304 Stainless steel【316 optional】
- (2) Surface treatment : Stainless steel original color, optional electro polishing
- (3) Ingress Protection: IP68
- (4) Horizontal rotation range: 360°
- (5) Vertical rotation range: -5° ~+90°
- (6) Level speed: 1-300° / SEC
- (7) Vertical speed: 1-180° / SEC
- (8) Interface spec: G-1/2"
- (9) Weight: ≤12kg
- (10) Method of installation: Pendant or wall mounting
- (11) Outer Dimension: 300mm(L)*300mm(W)*370mm(H)

Electrical features

- (1) Input voltage: **24VDC/220VAC**
- (2) Working current: **≤2A**
- (3) Video camera: Hikvision 1080P zoom block camera module
- (4) Electrical Connectivity: Composite cable
- (5) Automatic mode: Automatic cruise or any setting two rounds
- (6) Preposition: 128location (selectable)
- (7) Preposition accuracy: Automatic error correction

Environmental

- (1) Rated Temperature: -30°C~+70°C
- (2) Atmospheric Pressure: 86~106kpa

(3) Relative Humidity: $\leq 95\%RH(\pm 25^{\circ}C)$

Outer dimension

