



# TG-512SDM



SOLUTIONS SECURING YOUR WORLD

## KEY FEATURES

- 5MP H.265+ Mini PTZ Dome camera
- 360° endless Pan, -5°~90° Tilt, Pan Manual Speed: 0.5°~180°/s
- Smart IR II
- Smart Stream
- High Speed & Precise Movement
- 120dB Super WDR
- Video Content Analysis
- 0.005Lux Ultra Low-light
- 255 Preset Positions
- IP66/IK10

# SPECIFICATIONS

|                    |   |  |
|--------------------|---|--|
| <b>Description</b> | 5MP @30fps 12X H.265+ Mini PTZ Dome AF Lens, Color:0.005Lux, SWDR 120dB, IR120m, IP66/IK10, PoE |  |
| <b>Camera</b>      | Image Sensor  | 1/2.8" Progressive Scan CMOS   |
|                    | Min. Illumination   | Color: 0.005Lux @ F1.2, B/W: 0Lux with IR on   |
|                    | WDR   | 120dB Super WDR  |
|                    | Shutter Time  | 1/100000s~1s   |
|                    | IR Distance   | Up to 120m   |
|                    | Day & Night   | Day/Night/Auto/Customize/Schedule  |
|                    | S/N   | >55dB  |
| <b>Lens</b>        | Lens options  | 5.3~64mm, 12XOpticalZoom   |
| <b>Video</b>       | Max. Image Resolution   | 2592x1944  |
|                    | Video Compression   | H.265+/H.265(HEVC)/H.264+/H.264/MJPEG  |
|                    | Video Bit Rate  | 16Kbps~16Mbps (CBR / VBR Adjustable )  |
|                    | Primary Stream  | 30fps @ (2592x1944), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960,1280x720,   |
|                    | Secondary Stream  | 60fps @ (704x576, 640x480, 640x360, 352x288,320x240, 320x192, 320x180)   |
|                    | Tertiary Stream   | 30fps @ ( 1920x1080,1280x720,704x576,640x480,640x360,320x240, 320x192, 320x180 )   |
| <b>Network</b>     | Ethernet  | 1*RJ4510M/100M Ethernet Port   |
|                    | Network Storage   | NAS (Support NFS, SMB/CIFS), ANR   |
|                    | Protocol  | IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL |
| <b>PTZ</b>         | Pan Range/Pan Speed   | 360° endless; Pan Manual Speed: 0.1°~450°/s, Pan Preset Speed: 450°/s  |
|                    | Tilt Range/Tilt Speed   | -5°~90° (Auto Flip); Tilt Manual Speed: 0.1°~360°/s, Tilt Preset Speed: 360°/s   |
|                    | Proportional Zoom   | Supported  |
|                    | Preset Quantity   | 255  |
|                    | Patrol  | 8 Patrols, up to 48 presets each patrol  |
|                    | Pattern   | 4 Patterns   |
|                    | Auto Tracking   | Supported  |
|                    | Power Off Memory  | Supported  |
|                    | Other Function  | Auto Scan, Auto Home, Preset Freezing, 3D Positioning, PTZ Limits, Initial Position  |

## SPECIFICATIONS

|                        |                      |   |
|------------------------|----------------------|---|
| <b>Audio</b>           | Audio Compression    | G.711/AAC/G.722/G.726   |
| <b>System</b>          | Alarm I/O            | 1/1 (Optional)  |
|                        | Storage              | Support microSD/SDHC/SDXC Card Local Storage, up to 256GB   |
|                        | Advanced Function    | BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark  |
|                        | SIP/VoIP Support     | Yes, Voice & Video-over-IP  |
|                        | Event Trigger        | Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. (Multi-interface Version)  |
|                        | Event Analysis       | FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. (Multi-interface Version)  |
|                        | Event Action         | FTP Upload, SMTP Upload, SD Card Record, External Output (Optional), SIP Phone, White LED, PTZ Motion, HTTP Notification, etc.  |
|                        | Video Analysis       | Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed |
|                        | System Compatibility | ONVIF Profile G & Q & S & T, API  |
|                        | <b>General</b>       | Working Temperature   |
| Power Supply           |                      | PoE (802.3at) / DC 12V/3A±10% (Multi-interface Version)   |
| Power Consumption      |                      | 10W MAX/17W MAX ( With IR on )  |
| Weather Proof, Housing |                      | Upto IP66-ratedfor Weather-resistant Performance/Vandal-proof<br>IK10-rated Metal Housing Metal Housing   |
| Dimensions/Weight      |                      | 183mmX174.8mm / 2Kg   |

## ACCESSORIES



**PM-512SDM**  
Pole mount



**SDC-512SDM**  
Smoked Dome Cover



**RM-512SDM**  
Recessed Mount

## ACCESSORIES



**PM-512SDM**  
Pole mount



**ECB-512SDM**  
External Corner Bracket



**EL-512SDM**  
L Extension Lever



**JB-512SDM**  
Junction Box



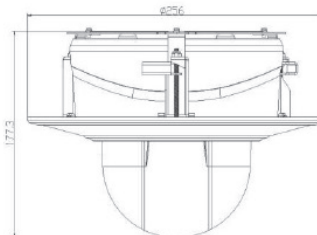
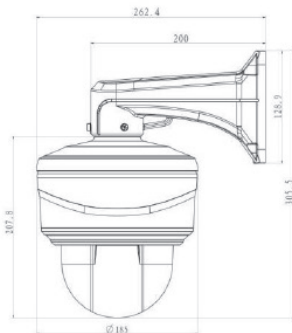
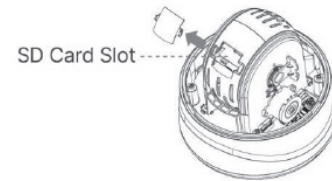
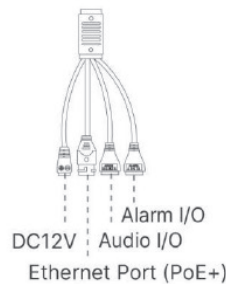
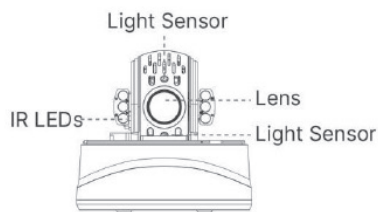
**WM-512SDM**  
Wall Mount



**PM-512SDM**  
Pendant Mount

## DIMENSIONS

### Structure Diagram



Units : mm

### PARTCODE

TG-512SDM

### DESCRIPTION

5MP @ 30fps 12X H.265+ Mini PTZ Dome AF Lens, Color:0.005Lux, SuperWDR 120dB, IR120m, IP66/IK10, PoE, 360° endless Pan, -5°~90° Tilt, Pan Manual Speed: 0.5°~180°/s Preset Speed: 240°/s, Tilt Manual Speed: 0.5°~120°/s, Preset Speed: 200°/s, 255 Presets, 4 Patterns, 8 Patrols, up to 48 presets each patrol, microSD card upto 256Gb

UAE Address:  
P3-Hamriyah Business Centre  
PO Box 50235  
Hamriyah Free Zone - Sharjah - UAE.  
E-mail: info@tgen5.com  
Tel : +97143488459