



## STANDARD SPEED DOME IP CAMERA

### GGM IPSS4425IR160



#### Standard Range

This high-performance camera from the «Standard» series enables intelligent surveillance over medium-sized areas. It is ideal for site security projects, in the tertiary sector, retail, administrative buildings, etc.

#### FEATURES

<b>Software :</b>	5.1.1
<b>Model Type :</b>	PTZ dome
<b>Chipset :</b>	Novatek
<b>Image sensor :</b>	1/2.7" CMOS
<b>Image size :</b>	2560x1440
<b>Electronic shutter :</b>	50Hz: 1/25s ~1/25,000s; 60Hz: 1/30s ~ 1/30,000s
<b>Iris Type :</b>	DC-IRIS, 16 Stops
<b>Minimum illumination :</b>	Color 0.01Lux @ (F1.65 AGC ON) B/W 0.002Lux @ (F1.65 AGC ON); 0Lux with IR
<b>Lens :</b>	f=4.8-120 mm lens, 25x optical zoom
<b>Focus :</b>	Motorized
<b>Lens Mount :</b>	Ø 14
<b>Field of view H/V/D :</b>	Horizontal: 55° ~2.4°±5%; Vertical: 33° ~ 1.4°±5%; Diagonal: 61.5° ~ 2.8°±5% (wide-tele)
<b>Day &amp; Night :</b>	Auto/Manual ,time schedule
<b>WDR (wide dynamic range) :</b>	120dB
<b>BLC :</b>	Yes
<b>HLC :</b>	Yes
<b>Defog :</b>	No
<b>S/N ratio :</b>	≥52dB
<b>Digital NR :</b>	3D DNR
<b>EIS :</b>	No
<b>Angle ajustement :</b>	pan: 360°endless ; Tilt: -10°~90°

## PICTURE

<b>Video compression :</b>	H.265+/H.265/H.264+/H.264/MJPEG
<b>H265 Compression standard :</b>	H.264/AVC codec BP/MP/HP, Level 5.1
<b>Privacy mask :</b>	4 mask
<b>Main stream :</b>	50Hz: 25fps: 2560×1440,1920×1080,1280×960,1280×720; 60Hz: 30fps: 2560×1440,1920×1080,1280×960,1280×720
<b>Sub Stream :</b>	50Hz: 25fps: (704 × 576, 640 × 480, 352 × 288); 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
<b>Third stream :</b>	50Hz:25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz:30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
<b>Bitrate :</b>	64Kbps to 8Mbps
<b>Bit rate Type :</b>	VBR / CBR
<b>Audio Compression :</b>	G.711 A/U
<b>Image settings :</b>	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
<b>Corridor mode :</b>	No
<b>ROI :</b>	4 regions; each ROI to be configured separately

## INTERFACES

<b>Network :</b>	1 RJ45 10M/100M Adaptive Ethernet ,Support PoE+
<b>Surge Protection :</b>	Differential Mode±2KV, Common Mode±4KV
<b>Video Output :</b>	No
<b>Number of audio in :</b>	1
<b>Number of audio out :</b>	1
<b>Built-in speaker :</b>	N/A
<b>Built-in microphone :</b>	1 audio input(MIC in);
<b>Storage :</b>	Network remote storage; micro SD card storage up to 256 Gb
<b>Reset :</b>	Yes
<b>Alarm in :</b>	1 Alarm input(Dry contact);
<b>Alarm out :</b>	1 Alarm output

## PTZ

<b>Number of preset :</b>	360
<b>Number of patrol :</b>	8 cruises, up to 16 presets for each cruises
<b>3D privacy mask support ( number of zone) :</b>	4 areas, up to 8 per request

## ANALYTICS

<b>Smart Event :</b>	Basic event: Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error) Face recognize: (Default off) human face detection, capture and face comparison Road traffic: Vehicle detecting and tracking, etc Smart Detection: Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, etc. More VCA per request Smart Tracking: Smart tracking of human or vehicle, auto/manual
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## DORI (BASED ON 2.8mm/2.8-12mm)

<b>Detect :</b>	f=4.8mm: 96m(315 f.t.) ; f=120mm: 2200m(7218 f.t.)
<b>Observe :</b>	f=4.8mm: 38m(124.7 f.t.) ; f=120mm: 873m(2864.3 f.t.)
<b>Recognize :</b>	f=4.8mm: 19.2m(63 f.t.) ; f=120mm: 440m(1443.6 f.t.)
<b>Identify :</b>	f=4.8mm: 9.6m(31.5 f.t.) ; f=120mm: 220m(721.8 f.t.)

## FUNCTIONS

<b>Remote monitoring :</b>	Web browser /TVT NVR/GGM CENTRAL/GGM WATCH
<b>Web browser :</b>	IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free
<b>Online connection :</b>	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
<b>Network protocol :</b>	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTP, RTP, TCP/IP, UDP, DHCP, PPPoE
<b>Onvif version/Profile :</b>	ONVIF 22.06/T, S, G
<b>Smart Alarm :</b>	Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Upload to FTP/Memory Card, Send Email, etc
<b>General function :</b>	refer to Intelligent Analytics
<b>Security :</b>	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
<b>POE :</b>	POE+, 802.3.at
<b>IR distance :</b>	160m
<b>Warm led distance :</b>	/
<b>IP protection rate :</b>	IP66
<b>IK protection rate :</b>	IK10

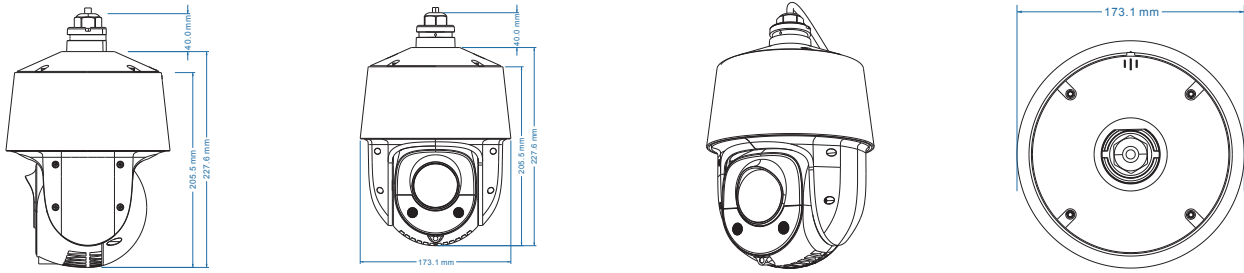
## OTHERS

<b>Power supply :</b>	DC12V±25%,3000mA ,PoE+ (802.3.at)
<b>Power consumption :</b>	max 23W include IR ON+PTZ working
<b>Storage conditions :</b>	-40°C ~ 70°C ; ≤ 95% RH
<b>Operating conditions :</b>	-40°C ~ 60°C (-40°F ~ 140°F), Cold start at - 30°C(30minutes waiting); 90%RH
<b>Dimension :</b>	Ø 173mm x 268mm (Ø6.8 inch x 10.55 inch)
<b>Weight :</b>	Approx. 2.1 Kg (4.63 lb.)
<b>Installation :</b>	wall mounting, pole mounting, corner mounting, pendant mounting
<b>Certificate :</b>	,ROHS,CE,FC
<b>Environmental protection :</b>	6000V Lightning Protection, Surge Protection and Voltage Transient Protection

## PART-NUMBER

PART-NUMBER	DESCRIPTION
<b>GGM IPSS4425IR160</b>	Standard PTZ Speed dome. Resolution 4MP Optical zoom 25X IR 300m PoE+ IP66 IK10

DIMENSIONS OF GGM IPSS4425IR160



ACCESSORIES FOR GGM IPSS4425IR160



GGM ATMB001



GGM ARMK003



GGM AWMB014



GGM AWMB014+GGM APMB001



GGM AWMB014+GGM ACMB001