



STANDARD SPEED DOME IP CAMERA

GGM IPSS4225IR300



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

Software :	5.1.1
Model Type :	PTZ dome
Chipset :	Novatek
Image sensor :	1/2.8" CMOS
Image size :	1920x1080
Electronic shutter :	60Hz: 1/30s – 1/30,000s; 50Hz: 1/25s~1/25,000s
Iris Type :	DC_IRIS
Minimum illumination :	Color 0.00125 Lux @ (F1.6 AGC ON) B/W 0.00025Lux @ (F1.6 AGC ON); 0Lux with IR
Lens :	f=4.8-120 mm lens, 25x optical zoom
Focus :	Motorized
Lens Mount :	Ø 14
Field of view H/V/D :	Horizontal: 54° ~ 4°; Vertical: 32° ~ 2.3°; Diagonal: 64.5° ~ 4.6°. (Wide-Tele), ± 5%
Day & Night :	Auto/Manual
WDR (wide dynamic range) :	/
BLC :	Yes
HLC :	Yes
Defog :	No
S/N ratio :	≥52dB
Digital NR :	3D DNR
EIS :	No
Angle adjustment :	pan: 360°endless ; Tilt: -10°~90°

PICTURE

Video compression :	H.265/H.264+/H.264/MJPEG
H265 Compression standard :	H.264/AVC codec BP/MP/HP, Level 5.1
Privacy mask :	4 mask
Main stream :	50Hz: 1920× 1080, 1280× 960, 1280× 720 @25fps 60Hz: 1920× 1080, 1280× 960, 1280× 720 @30fps
Sub Stream :	50Hz: 704 × 576, 640 × 480, 352 × 288 @25fps 60Hz: 704 × 480, 640 × 480, 352 × 240 @30fps
Third stream :	50Hz: 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288 @25fps 60Hz: 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240 @30fps
Bitrate :	64Kbps to 16Mbps
Bit rate Type :	VBR / CBR
Audio Compression :	G.711 A/U
Image settings :	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
Corridor mode :	No
ROI :	4 regions; each ROI to be configured separately

INTERFACES

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

PTZ

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

ANALYTICS

Smart Event :	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)

Detect :	f=4.8mm: 73.5m(241.14 f.t.) ; f=120mm: 1517.4m(4978.3f.t.)
Observe :	f=4.8mm: 29.16m(95.67 f.t.) ; f=120mm: 602.2m(1975.7 f.t.)
Recognize :	f=4.8mm: 14.7m(48.22 f.t.) ; f=120mm: 303.4m(92.5 f.t.)
Identify :	f=4.8mm: 7.35m(24.11 f.t.) ; f=120mm: 151.7m(46.25 f.t.)

FUNCTIONS

Remote monitoring :	Web browser /TVT NVR/GGM CENTRAL/GGM WATCH
Web browser :	IE8-11
Online connection :	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network protocol :	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE, P2P
Onvif version/Profile :	ONVIF 23.06/T, S, G
Smart Alarm :	Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Upload to FTP/Memory Card, Send Email, etc
General function :	refer to Intelligent Analytics
Security :	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
POE :	POE, 802.3.at
IR distance :	300m
Warm led distance :	/
IP protection rate :	IP66
IK protection rate :	IK10

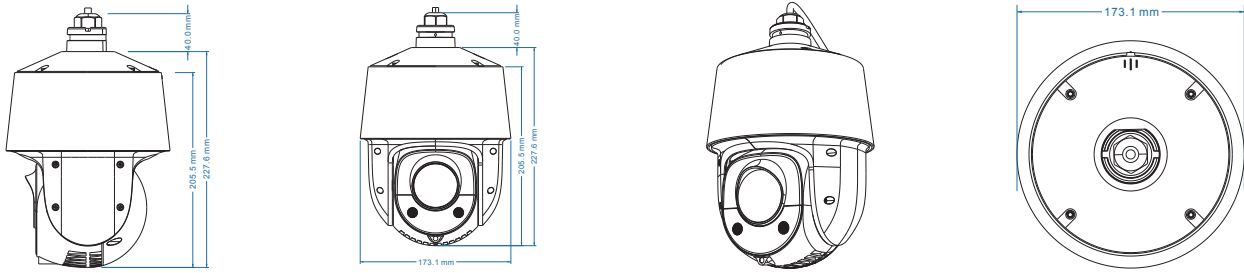
OTHERS

Power supply :	DC12V±25%, 3000mA, PoE (802.3.at, class 3),
Power consumption :	max 22W include IR ON+PTZ working
Storage conditions :	-40°C ~ 60°C ; ≤ 95% RH
Operating conditions :	-40°C ~ 65°C (-44°F ~ 149°F) IR OFF; -40°C ~ 50°C (-40°F ~ 113°F) IR ON; Cold start at -30°C (0.5-1 hour waiting); 90%RH
Dimension :	Ø 173mm x 268mm (Ø6.8 inch x 10.55 inch)
Weight :	Approx. 2.1Kg (4.63 lb.)
Installation :	wall mounting, pole mounting, corner mounting, pendant mounting, pole mounting, in-ceiling
Certificate :	ROHS, CE, FCC
Environmental protection :	6000V Lightning Protection, Surge Protection and Voltage Transient Protection

PART-NUMBER

PART-NUMBER	DESCRIPTION
GGM IPSS4225IR300	Standard PTZ Speed dome. Resolution 2MP Optical zoom 25X IR 300m PoE+ IP66 IK10

DIMENSIONS OF GGM IPSS4225IR300



ACCESSORIES FOR GGM IPSS4225IR300



GGM ATMB001



GGM ARMK003



GGM AWMB014



GGM AWMB014+GGM APMB001



GGM AWMB014+GGM ACMB001