

# TC-NC23MS

## 2MP Starlight Motorized IR Bullet Camera

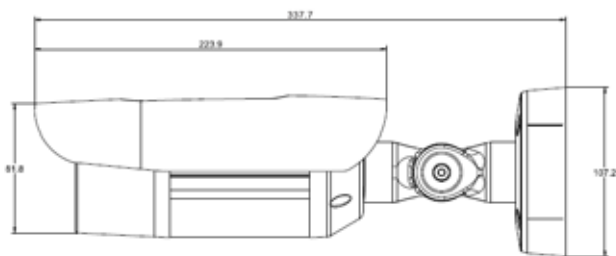
# Tiandy



### Features

- Starlight Ultra Low Light 0.002lux
- Up To 1080P, 1920x1080@30fps
- H.265/H.264 HP/MP/BP/M-JPEG Codec
- Min. Illumination Color: 0.002 Lux, B/W: 0.001 Lux, 0 Lux with IR
- Motorized 2.8-12mm
- Mechanical WDR 140dB
- Smart IR, IR Range: 50m
- VCA Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Running/Loitering/Parking/Crowd/Audio Abnormal Detection/Video Abnormal Detection
- Interface Audio I/O:1/1, Alarm I/O:2/1, Micro SD card slot up to 128G, USB, Reset Button, BNC
- TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V), IP67
- Operating Conditions -35°C ~ 60°C (IR OFF) / -35°C ~ 40°C (IR ON), 0 ~ 95% RH G
- CE, FCC, RoHS

### Dimensions



Camera	
Image Sensor	1/2.8" CMOS Progressive
Core Processor	ARM9 Architecture
Operating System	Embedded Linux
Signal System	PAL/NTSC
Min. Illumination	Color: 0.002Lux(F1.2,AGC ON) B/W: 0.001Lux(F1.2,AGC ON); 0 Lux with IR
Shutter Time	1s to 1/100,000s
Lens	Motorized 2.8-12mm, Angle of View: 92°~38.6°
Lens Mount	φ14
Auto Iris	DC Drive
Day& Night	IR Cut Filter with Auto Switch
Wide Dynamic Range	140 dB
Digital Noise Reduction	3D DNR
Focus	Auto
Compression Standard	
Video Compression	H.265/H.264 HP/MP/BP/M-JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM/AAC
Audio Bit Rate	G711 8KHz, 64kbps
Image	
Max. Image Resolution	1920x1080
Frame Rate	50Hz: 25fps(1920x1080), 25fps(1280x960), 25fps(1280x720), Up to 60Hz: 30fps(1920x1080), 30fps(1280x960), 30fps(1280x720), Up to Mainstream: 1080P(1920*1080)
Triple Stream	Substream: D1(704*576) 3rd stream: 720P(1280*720)
Image Settings	Brightness, Saturation, Contrast, Flip Mode Adjustable by Client Software or Web
HLC	Y
Smart Defog	Y
Corridor Format	Y, Available for 720P and Above
EIS	Y
ROI	4 Zones
Privacy Mask	4 Zones
Picture Overlay	200 x 200, BMP 24bit, Zone Configurable
OSD	16x16, 32x32, 24x24, 48x48, 64x64, 96x96 Size Letters Such as Week, Date, Character 16
Network	
Browser	IE8, IE9, IE10, IE11, Firefox24
Network Storage	FTP
NTP	Y
ANR	Y, Auto store video in SD card when NVR disconnected, and upload video to NVR
Video Analytics	Tripwire/Double Tripwire/Perimeter/Object Abandon/Object
Alarm Trigger	Motion Detection/IP Conflict/MAC Conflict/Port Alarm/Mask Alarm
Protocols	IPv4/IPv6/HTTP/802.1x/FTP/SNMP/UPnP/SNMP/DNS/DDNS/NTP/RTSP/TCP/UDP/RTP/DHCP/Multicast
User Permission	4 Level/8 Users
Remote Connection	5 Users Access at the Same Time
System Compatibility	ONVIF (Profile S), SDK
Interface	
Audio Input	1-ch
Audio Output	1-ch
Communication Interface	1-ch RJ45 10M / 100M Ethernet Interface
Alarm Input	2-ch
Alarm Output	1-ch
Video Output	1Vp-p Composite Output(75Ω/BNC, for Internal Setup)
On-board Storage	MicroSD Card Slot, up to 128 GB
Reset Button	Y
Extension	USB
General	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, Simplified
Operating Conditions	-35°C ~ 60°C (IR OFF) / -35°C ~ 40°C (IR ON), 0 ~ 95% RH G
Power Supply	DC 12 V ± 10%, PoE (802.3af)
Power Consumption	Max. 5W (IR OFF) (ICR Instant Switch 12W) Max. 7.5W (IR ON)
Circuit Protection	TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V)
Impact Protection	IP67
IR Range	50m
IR LEDs	54pcs φ5 Array IR LEDs
Dimensions	337mm x 107mm x 107mm
Weight	1.3KG (IP Camera Only); 1.6KG (with Packing Box)

\* The latest product information / specification can be found at <http://en.tiandy.com/>



Tiandy Digital Technology Co., Ltd. | [en.tiandy.com](http://en.tiandy.com)

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