NDAA Compliant 1/2.8" PTZ 2MP IP Dome Camera

VMI-2MPX23IR-SMW(B2)

ONVIF

NDAA COMPLIANT ✓

KEY FEATURES

NDAA Compliance
Suited for government and defense projects subject to NDAA

Low-light Colour Image
0.002 lux Starlight detailed color images in low light

True WDR
140dB super WDR wide dynamic range

Intelligent Analytics
Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed

ONVIF Compliant
ONVIF Profile G, M, S & T, API

Audio Support
2-way audio, TG.711/AAC/ G.722/G.726 compression

Smart IR
Adaptive high and low beams for up to 160m

Storage
MicroSD or NAS (NFS, SMB/CIFS) support

Vista's 23x IP PTZ camera has been designed to meet the latest National Defence Authorisation Act (NDAA) requirements making it ideal for public sector, government or large enterprise projects.

The camera is not short on other features either, including 0.002 Lux Starlight technology to give detailed coloured images even in low light, WDR to 140dB and adaptive Smart IR II Technology with High and Low beams to give IR coverage for distances up to 160 metres.

With a sophisticated pan\tilt mechanism, the PTZ provides fast, precise movement with 360^0 endless pan -5 to 90^0 (auto flip), with a pan speed of 350^0/second and tilt of 360^0/s

An embedded AI Engine provides intelligent VCA modes to filter human or vehicle objects and behaviour including Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed.

TEL
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THIS PRODUCT QUALIFIES FOR
vista
3 YEAR
ADVANCE REPLACEMENT

* To scan the QR code, make sure your phone/device has a suitable reader. Most modern Android and iOS smartphone cameras will automatically scan the code and provide the product's URL link, which will open from the device's web browser.

TECHNICAL SPECIFICATION

Model	VMI-2MPX23IR-SMW(B2)
CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Min Illumination	Color: 0.002 lux F1.2 | Color: 0.005 lux F1.5 | B/W: 0 lux with IR on
WDR	140dB Super WDR
Shutter Time	1/100000s-1s
Digital Zoom	16×
Day/Night Mode	Day/Night/Auto/Customize/Schedule
Signal/Noise	>55dB
LENS	
Focal Length	5-117mm, 23× Optical Zoom
Zoom Speed	Approx 6s (Wide-Tele)
Field of View	H60°-H3°/D69°-D4°/ V35°-V2°
Focus Control	Auto/Semi-Auto/Manual
Closest Focus	100/1500mm (Wide/Tele)
Aperture	F1.5-F3.5
Iris Control	Auto
PTZ	
Pan Range / Pan Speed	360° endless; Pan Manual Speed: 0.1°~350°/s, Pan Preset Speed: 350°/s
Tilt Range / Tilt Speed	-5°-90° (Auto Flip); Tilt Manual Speed: 0.1°~360°/s, Tilt Preset Speed: 360°/s
Number of Presets	300
Tours	8 Tours, up to 48 presets each Tour
Pattern	4 total
Auto tracking	Detect and Track Objects Automatically
Power off memory	Support
Other Functions	Auto Scan, Auto Home, Preset Freezing, 3D Positioning, PTZ Limits, Initial Position
IR ILLUMINATION	
IR Distance	Up to 160m
IR Angle	Auto/Manual
VIDEO	
Max. Image Resolution	1920 × 1080
Primary Stream	60Hz: 90fps@(1920x1080), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 90fps@(1920x1080), 50fps@(1920x1080, 1280x960, 1280x720, 704x576)
Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240)
Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240)
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16Kbps-16Mbps(CBR/VBR Adjustable)
Privacy Masking / ROI	8 masks / 8 ROI
INTERFACES	
Ethernet	1 × RJ45 10M/100M
Audio I/O | Alarm I/O	1/1 | 1/1
NETWORK	
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, UPnP, Bonjour, SIP, SNMP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2
AUDIO - 2-WAY	
Audio Compression	G.711/AAC/G.722/G.726
Audio Sampling Rate	8/16/32/44.1/48KHz
SIP/VoIP Support	Yes, Voice & Video-over-IP
INTELLIGENT ANALYTICS	
Video Analysis	Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
Face detection and face attribute recognition	Detect and capture faces, get real-time snapshots; The attributes include Age, Gender, Glasses, Mask and Cap; Supports Face Privacy Mode, the detected faces in the face detection area will be mosaic automatically
Object Counting & Report	Counts the number of objects crossing the line, optionally human and vehicle, Supports regional people counting for up to 4 detection areas
EVENT AND STORAGE	
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 512GB
Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.
GENERAL	
Working Condition	Temperature: -40ºC-60ºC / Humidity: 0-90% (Non-condensing)
Environment	IP66 / IK10
Power Supply	PoE (802.3at) / DC 12V/3A±10%
Power Consumption	12W max 20W max (With IR on)
Weather Proof/Housing	Up to IP66-rated for Weather-resistant Performance / Vandal-proof IK10-rated Metal Housing
Surge Protection	4KV
Dimensions	Ø 183mm x 174.8mm
Warranty	3 Years

MODELS IN THIS RANGE

0952850   VMI-2MPX23IR-SMW(B2)
2MP IP PTZ mini dome 23x Zoom

ASSOCIATED PRODUCTS

0911640   VMI-1.5NPT
Male adapter & 190mm diameter disk (to be used with 0953400)

0892290   VMI-2MPX23IR-CLR-BUBBLE
Clear bubble

0911870   VMI-DSM
smoked bubble for VMI PTZ 23x

0953400 V-TMv2
Swan neck tower mount with 1.5" NTP female thread with safety catch (to be used with 0911640)

UKCA | CE