Mi Series MegaPixel IP Camera

ONVIF
Driving IP-based physical security through global standardization

HD Vandal Dome IP Camera for Vehicle Surveillance

VDA50SMi

Model: VDA50SMi

VDA50SMi The best IP camera for video surveillance in buses, trains, subway cars and emergency vehicles, securing high quality mega pixel video up to 720p with crystal clear image quality like HD TV.
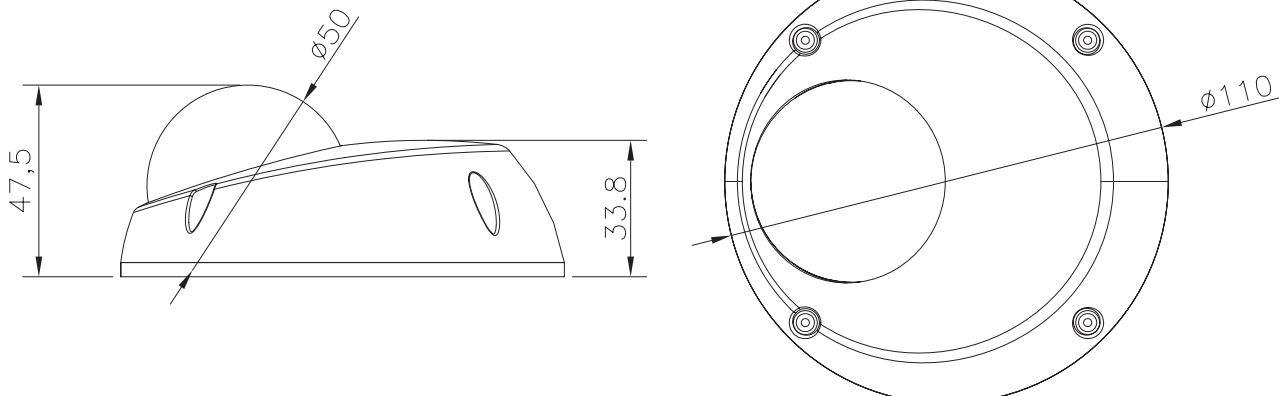
This compact and rugged mega pixel IP cameras ensures perfect protection against dust and water at IP67 degree. Vandal resistant structure also gurantees stability against harsh conditions such as vibrations, shocks, bumps and temperature fluctuations which may occur in surveillance in vehicles. Standard PoE further simplifies installation since only one cable is needed for carrying power and video.

Features

- 1.3 Mega pixel 1/3" SONY progressive scan CMOS image sensor for excellent image quality
- 3-Axis module for perfect visual alignment.
- IP67 degree dust and water free structure
- Standard IEEE802.3af PoE supported
- Waterproof RJ45 connector
- Durable structure against vibrations, shocks, bumps and temperature fluctuations
- Dual Streaming of H.264 and M-JPEG
- Up to 30 frames per second in all image resolutions
- Supports image resolutions up to HD(720p) (1280x720)
- IPv4 & IPv6 compatible
- Integrated motion detection with pre- and post-alarm image/video buffering
- Event-triggered FTP and email upload of still images and videos
- Digital PTZ

- UPnP supported
- Micro SD Local storage, event triggered, scheduled and continuous recording supported
- Supports CBR (constant bit rate) and VBR (variable bit rate) modes
- Controllable frame rate
- Video access through any standard Web browser
- Privacy Masking up to 4 areas
- Integrated HTTP Web server supporting 50 simultaneous user connections
- HTTPS supported (Hyper Text Transfer Protocol Secured)
- Integrated E-Mail, FTP, DDNS and DHCP client
- Extensive CGI API for software integration and remote programming operations
- Including Windows based IP Installer and NVR (Network Video Recorder) software for up to 16 channels

Dimension

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Specifications

Classification		Specification
General	CPU	32-bit ARM9 RISC CPU up to 533MHz, 32KB I/D-Cache, MMU
	Video Buffer	16Mbyte Video Frame Buffer
	Flash	16 Mbyte Flash Memory
	SDRAM	256Mbyte
Image Pickup	Image sensor	1.3 Megapixel 1/3" SONY progressive scan CMOS image sensor
	Total Pixels	1384(H) x 1076(V) 1.49 Megapixel
	Effective Pixels	1329(H) x 1049(V) 1.39 Megapixel
	S/N Ratio	More than 50dB
	Min. Illumination	0.5 Lux with DSSX2 (F1.2, 30IRE, AGC On)
	Lens	3.0mm Megapixel Board Lens
Video	Video compression	H.264 baseline profile, Motion JPEG
	Resolutions	Up to 720p (1280 x 720)
	Frame rate	H.264 Up to 30fps at HD(720p)
		MJPEG Up to 15fps at VGA (Simultaneous dual stream) MJPEG single stream up to 30 fps at HD(720p)
	Video streaming	Support multi stream with H.264, MJPEG
		Adjustable frame rate
		VBR/CBR in H.264
	Pan/Tilt/Zoom	Digital PTZ
	Image setting	Day & Night
		Auto White Balance
		Auto Exposure
		Privacy Mask
		Effect - Color, Sharpness, Mirror/V-Flip, etc.
Network	Security	Password protection
		User access log
		HTTPS encryption

Classification		Specification
System integration	Supported protocol	HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS
		NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP
	Intelligent video	Motion detection up to 1920x1080 with 32x24 blocks
	Alarm trigger	Motion detection
		External input/Normal Open/Close Type
	Alarm events	File upload via ftp, e-mail
		Notification via email, FTP and TCP
	Video buffer	16MB pre-alarm and post-alarm
	Recording	Save to Micro SD card with event mode and continuous mode
	Firmware upgrade	Remote upgrade via network
	API	CGI Interface document
		ActiveX Interface(ocx(dll) + document)
etc	RESET Button	1 x Factory Reset Button
Physical	Power Source	PoE (Power over Ethernet): 802.3af
	Power Consumption	Max. 4.2W
	Net Weight	383g Appr.(Camera Only)
	LED's	Power, Network Connection
	Dimension	110(Ø) x47.5(H)
Environment	Operating Temperature	-10 degree~50 degree Celsius (14F~122F)
	Storage Temperature	-20 degree~60 degree Celsius (-4F~140F)
	IP Grade	IP67
Software	Included Software	NVR Lite (16 Channel), IP Installer (Windows Only)
Package	Package Contents	Network Camera, Use Manual, Software CD

Specifications are subject to change without prior notice to enhance performance and stability