FD2005V2M

Fixed dome, 2.7-13.5 mm motorized lens, 5MP, H.265/H.264

DESCRIPTION

The FD2005v2M is a 5-megapixel IP fixed dome camera providing clear images in any situation. A wide angle 2.7 to 13.5 mm motorized autofocus lens allows for easy setup and ensures sharp and clear images. The camera has a wide range of intelligent video analytics features to detect numerous events. Intelligent video encoding ensures good image quality and low storage costs.

FEATURES

Max 2592x1944(5MP) Resolution

5MP @ 25 fps

Quad stream H.264, H.265 and MJPEG

40m Built-in IR illuminator

Embedded Video analytics

ONVIF Profile S, G and T

IP67, IK10

Camera

Image Sensor	1/2.7" Progressive CMOS
Effective pixels	2592x1944(5MP)
Minimum scene illumination	Color: 0.003lux, B/W: 0 lux, 0lux with IR illumination on, F1.4
Shutter Speed	1/3s to 1/100,000s
Lens	Motorized 2.7 to 13.5mm, F/1.4, Auto-iris
Field of View	32° to 103° horizontal, 24° to 73° vertical
Focus Control	Autofocus
Slow Shutter	Supported
Day/Night	Automatic IR-cut Filter

Video

Video Compression	H.265 (Main Profile) / H.264 (High Profile/Main Profile/High Profile) / MJPEG		
Video Bitrate	32Kbpf to 16Mbps		
Max. Resolution	2592x1944 25fps		
Supported Resolution	2592x1944, 2699x1520, 1920x1080, 1280x720, 640x480, 640x360		
Frame Rate	25/30fps		
Number of simultaneous streams	Quad streams*		
Max. Streaming			
25fps	2592x1944	640x480	
25fps*	2592x1944	640x480	1920x1080	1280x720
30fps*	2688x1520	640x360	1280x720
Bitrate Control	Constant bit rate (CBR), variable bit rate (VBR), Smart bitrate(H.265+, H.264+)**		
Number of video output streams	Up to 6(RTSP)		
Region of interest	Support		
	*Monitor mode enabled. 3rd and 4th streaming are limited to 10fps.		
	**Main Stream support		

Image

Wide dynamic range	120dB
White Balance	Auto(3 levels), Fixed, Manual
Image Setting	Saturation, Brightness, Contrast, Sharpness, Backlight Compensation,
	Highlight Compensation, WDR, Exposure control, Gain, Backlight compensation
Day/Night Switch	Auto/Scheduled/Triggered by Alarm In
SNR	52dB
Image Enhancement	3DNR, Defog
Image Rotation	90°, 180°, 270° rotation
Text and picture overlay	Date & time, Preset title

Analytics

Smart Analytics***	Line crossing, Intrusion Detection, Region exiting detection, Object Abandoned,

Specs

Analytics

	Object Removal
Event detections	External Input, External Output, Tampering, Audio Detection, Manual Trigger, recording notification, Network disconnected, IP Address Conflicted, Illegal Login
Event Action	Alarm output, Record video clip to NAS/SD card, Send alarm message and image by E-mail/FTP, Send HTTP notification
	***Smart event mode enabled.

Audio

Audio Interface	1x 3.5 mm audio in (line in), 3.3 Vpp amplitude, 4.7K impedance; 1x 3.5 mm audio out interface, 3.3Vpp amplitude, 100 impedance
Compression	G.711, G.726, AAC, PCM

Alarm

Input	1x(max. 24VDC/24VAC, 1A)
Output	1x(max. 24VDC/24VAC, 1A)
Operational modes	Motion detection, Tampering alarm, Alarm I/O, Smart Analytics Events

Network

Communication Interface	10/100 Mb (RJ45)
Network protocols	IPv4/IPv6, HTTP, HTTPS (TLS1.2), 802.1x, Qos, FTP, SMTP(SSL), UPnP, SNMP(v1/v2/v3/Traps), DNS, DDNS, NTP, RTSP, RTCP, RTP/UDP, TCP/IP, IGMP(v2/v3), DHCP, PPPoE, SSL/TLS, ONVIF Profile S/G/T, Siqura Programming Interface (SPI API)
Security	User authentication, Privilege Management, Digest authentication (RTSP, HTTP), HTTPS encryption (TLS1.1/1.2); IEEE 802.1x port-based network access control, IP filtering
Web Viewer	Internet Explorer 11, Microsoft Edge, Google Chrome, Mozilla Firefox

General

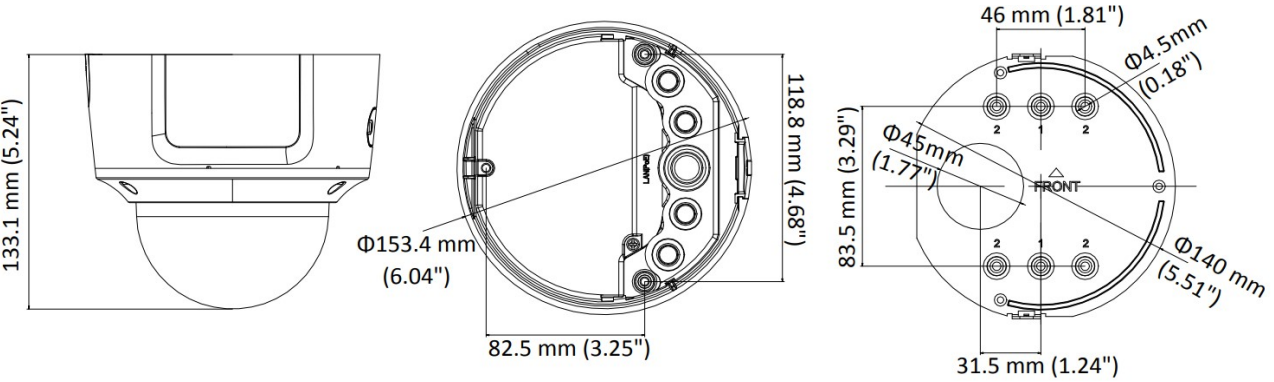|	
Protection Level	IP67, IK10
Material	Die cast aluminum
Edge Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Power	DC12V (terminal block), Max. 10.8W; IEEE 802.3af PoE Class 3, Max. 12.9W
IR illumination	850nm IR LEDs, 40m IR Viewable Length
Operating temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Relative Humidity	95% or less, no condensation
Dimensions(camera body)	diameter 153.4 x 133.1 mm
Weight	1.1kg
Colour	RAL 9003 (Signal white)

Ordering Information

Specs

Ordering Information

FD2005v2M	5MP Fixed Dome, 2.7-13.5mm motorized, H.265/H.264/MJPEG, IR, IK10, IP67
PM10	Pole mount for BL/FD2000 series cameras
WM20	Corner mount for BL/FD2000 series cameras
WM21	Wall mount for FD2002/2005
CM21	Ceiling pendant mount for FD2002/2005
CM22	In-ceiling mount for FD2002M1-EI and FD2005M1-EI

DIMENSIONS IN MM

133.1 mm (5.24")

Φ153.4 mm (6.04")

118.8 mm (4.68")

82.5 mm (3.25")

46 mm (1.81")

Φ4.5mm (0.18")

Φ45mm (1.77")

83.5 mm (3.29")

FRONT

Φ140 mm (5.51")

31.5 mm (1.24")

RELATED

TKH Security WM21
Wall mount, for FD200xM1-EI, FD200xv2M

TKH Security WM20
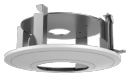Corner mount, for 200xM/200xv2M series cameras

TKH Security PM10
Pole mount, for BL/FD200xM1-EI, FD200xv2M

TKH Security DC31S
Dome cover, Smoked, IK10, for FD1103M1-EI, FD200xM1-EI, FD200xv2M

TKH Security CM21
Ceiling mount, for FD200xM1-EI, FD200xv2M

TKH Security CM22
Flush mount, for FD200xM1-EI, FD200xv2M