NOTE: Based on the scope of work, additional documentation may be required. See www/detroitmi.gov/hdc

for scope-specific requirements.

PROJECT DETAILS - TELL US ABOUT YOUR PROJECT

Instructions: Add project details using the text box in each section. If your details exceed the space provided, attach the details via the attachment icon for that section.

ePLANS PERMIT NUMBER:	N/A	
(only applicable if you've already applied for permits through ePLANS)	IN/A	

GENERAL

1.	DESCRIPTION OF EXISTING CONDITION
	Please tell us about the current appearance and conditions of the areas you want to change. You may use a few sentences or
	attach a separate prepared document on the right. (For example, "existing roof on my garage is covered in gray asphalt shingles

2. PHOTOGRAPHS

in poor condition.")

Help us understand your project. Please attach photographs of all areas where work is proposed.



3. DESCRIPTION OF PROJECT

In this box, tell us about what you want to do at the areas described above in box #1. (For example, Install new asphalt shingle roofing at garage.)

4. DETAILED SCOPE OF WORK

In this box, please describe all steps necessary to complete the work described in box #3. (For example, "remove existing shingles, replace wood deck as necessary, replace wood eaves, install roof vents, replace rotted fascia boards, paint, clean worksite.")

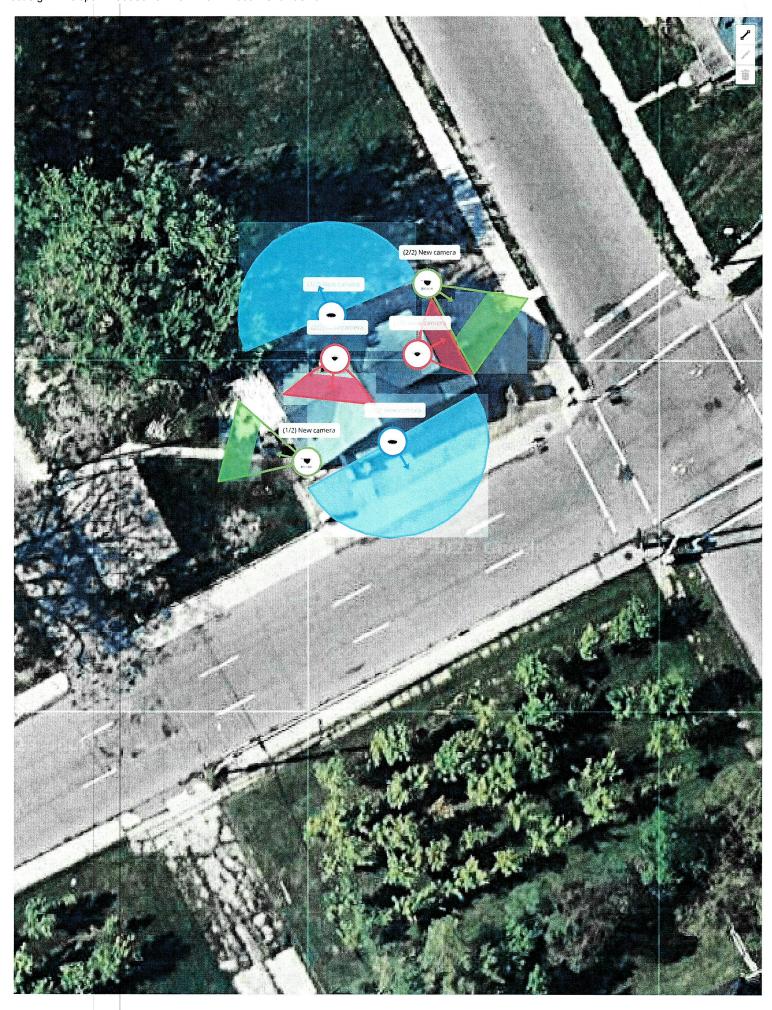


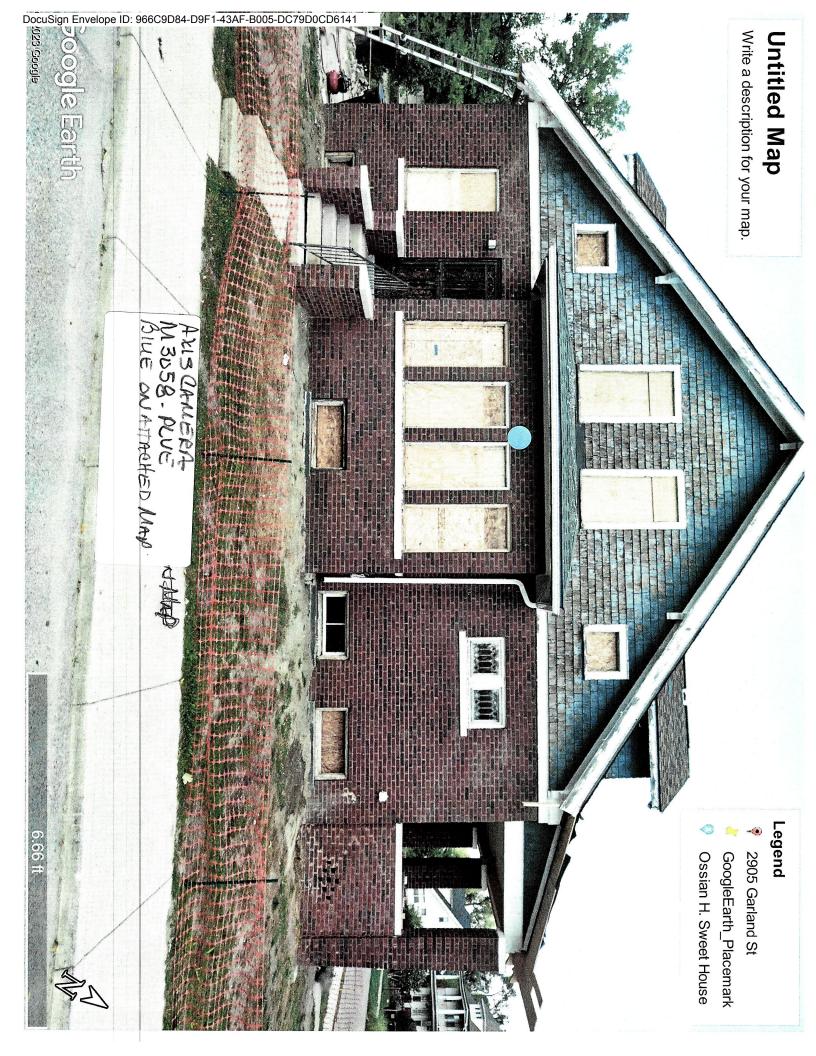
5. BROCHURES/CUT SHEETS

Please provide information on the products or materials you are proposing to install. For example, a brochure on the brand and color of the shingles proposed.



ADDITIONAL DETAILS	
9. OTHER Please provide any additional details. HDC Staff may ask you to submit additional information at a later time depending on your project.	















Datasheet

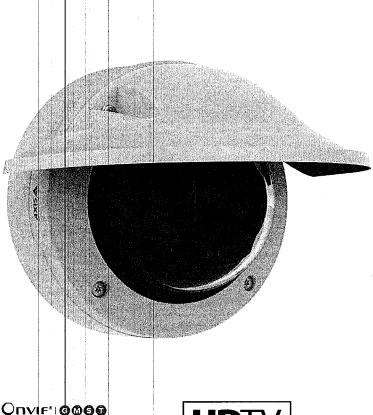


AXIS P3265-LVE Dome Camera

Outdoor 2 MP dome with IR and deep learning

Featuring Lightfinder 2.0, Forensic WDR, and OptimizedIR, AXIS P3265-LVE delivers excellent image quality under any light conditions. Based on the latest Axis system-on-chip (SoC), it includes a deep learning processing unit enabling advanced features and powerful analytics based on deep learning on the edge. Thanks to AXIS Object Analytics, it offers detection and classification of humans, vehicles, and types of vehicles - all tailored to your specific needs. Featuring audio and I/O connectivity, you can integrate equipment and extend the value of your system. Furthermore, this robust, IK10-rated, outdoor-ready camera includes built-in cybersecurity to help prevent unauthorized access and safeguard your system.

- > Excellent image quality in 2 MP
- > Lightfinder 2.0, Forensic WDR, OptimizedIR
- > Analytics with deep learning
- > Available with wide or tele lens
- > Built-in cybersecurity features



Onvirud@@@





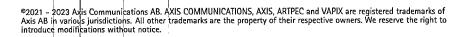
Models AXIS P3265-LVE 9 mm Network AXIS P3265-LVE 22 mm Protocols Camera: Image sensor 1/2.8° progressive scan RGB CMOS	Pv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ^a , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS,
Lens 9 mm:	NTP, NTS, RTSP, RTCP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)
Varifocal, 3.4–8.9 mm, F1.8 System i	integration
Horizontal field of view: 100°-36° Vertical field of view: 53°-20° Minimum focus distance: 50 cm (20 in) 22 mm: Varifocal, 9-22 mm, F1.6 Horizontal field of view: 35°-15° Vertical field of view: 19°-9° Minimum focus distance: 3 m (9.84 ft) 9 mm and 22 mm; IR corrected, remote zoom and focus, P-Iris control Day and night Automatically removable infrared-cut filter	ning and AXIS Camera Application Platform (ACAP); specifications at
Unscreen	
Minimum illumination With Forensic WDR and Lightfinder 2.0: controls Color: 0.1 lux at 50 IRE, F1.8/F1.6 (9 mm/22 mm) B/W: 0 lux at 50 IRE, F1.8/F1.6 (9 mm/22 mm) Shutter speed 1/66500 s to 2 s	Defogging Wide dynamic range Video streaming indicator IR illumination
	nditions Analytics, external input, supervised external input, virtual inputs
Camera angle adjustment 9 mm: Pan ±180°, tilt ±75°, rotation ±175° Event con 20 mm: Pan ±190°, tilt ±10 to ±80°, rotation ±190° System on chip (SoC) ARTPEC-8	through API Audio: audio clip playing, audio clip currently playing Call: state, state change Device status: above operating temperature, above or below
Memory 1024 MB RAM, 8192 MB Flash	operating temperature, below operating temperature, within
Compute Deep learning processing unit (DLPU) capabilities	operating temperature, IP address removed, new IP address, network lost, system ready, ring power overcurrent protection, live stream active, 22 mm: casing open
Video	Digital audio: digital signal contains Axis metadata, digital signal has invalid sample rate, digital signal missing, digital signal okay
Video H.264 (MPEG-4 Part 10/AVC) Baseline, Main, and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: digital input, manual trigger, virtual input
Resolution 1920x1080 to 160x90	MQTT: subcribe Scheduled and recurring: schedule
Frame rate With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz	Video: average bitrate degradation, day-night mode, live stream open, tampering
Video streaming Multiple, individually configurable streams in H.264, H.265, and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode Video streaming indicator	tions Overlay text, external output activation, play audio clip, zoom preset, day/night mode, flash status LED, use lights, set defog mode, set WDR mode Calls: end SIP call, make SIP call, answer call I/O: toggle I/O once, toggle I/O while the rule is active MOTT: publish Notification: email, HTTP, HTTPS, TCP, and SNMP trap
Multi-view Up to 2 individually cropped out view areas in full frame rate streaming	Pre- and post-alarm video or image buffering for recording or upload Record video: SD card and network share
Image settings Saturation, contrast, brightness, sharpness, Forensic WDR: up to 120 dB depending on scene, white balance, day/night threshold, local contrast, tone mapping, exposure mode, exposure zones, defogging, barrel distortion correction, compression, rotation: 0°, Built-in	Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email Remote zoom and focus, straighten image, pixel counter, level
90°, 180°, 270° including Corridor Format, mirroring, dynamic installation text and image overlay, privacy masks, polygon privacy mask	
D Fri (7 Dicial DIZ	
AXIS Obj Audio Analytics	
Audio streaming 9 mm: Two-way, full duplex 22 mm: Audio in, simplex, two-way audio via edge-to-edge technology	Features: line crossing, object in area, crossline counting BETA, occupancy in area BETA, time in area BETA Up to 10 scenarios
Audio encoding 24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate 9 mm: External microphone input, line input, digital input with	Metadata visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
input/output ring power, line output, automatic gain control 22 mm: External microphone input, line input, digital input with ring power, automatic gain control, network speaker pairing Network Network	Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions
Security IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, user access log, centralized certificate management	

www.quis.com

DO RE EX SPENDINGS AND	er a near	
	Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
Cybersecurity		Storage conditions
Edge security	Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform Secure element (CQ EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)	Approvals
Network securit	ty IEEE 802.1X (EAP-TLS) ^a , IEEE 802.1AR, HTTPS/HSTS ^a , TLS v1.2/v1 ^{3a} , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering	
Documentation	AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecu- rity/resources To read more about Axis cybersecurity support, go to	
General Casing	axis.com/cybersecurity IP66-, NEMA 4X- and IK10-rated	Dimensions
Casing	Polycarbonate hard coated dome Polycarbonate casing and weathershield Color: white NCS S 1002-B	Weight
:	For repainting instructions, go to the product's support page. For information about the impact on warranty, go to axis.com/warranty-implication-when-repainting.	Included accessories
Mounting	Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount 9 mm: 1/4"-20 UNC tripod screw thread	Optional accessories
Sustainability	9 mm: PVC free, 4.1% recycled plastics 22 mm: PVC free, BFR/CFR free, 6.5% bioplastics	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.8 W, max 10.7 W	
Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm (0.098 in) terminal block for 1 supervised digital input and 1 digital output (12 V DC output, max. load 25 mA) Audio 9 mm: 4-pin 2.5 mm (0.098 in) terminal block for audio in and out, 22 mm: 3.5 mm mic/line in	Video management software Languages
IR illumination	OptimizedIR with power-efficient, long-life 850 nm IR LEDs Range of reach 40 m (130 ft)/45 m (148 ft) (9 mm/22 mm) or more depending on the scene	Lunganges
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	Warranty a. This product incl. OpenSSL Toolkit. (eay@cryptsoft.o
Operating conditions	$^{-40}$ °C to 50 °C ($^{+40}$ °F to 122 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F)	

	Start-up temperature: -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC EN 50121-4, EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), IEC 62236-KC KN32 Class A, KC KN35, RCM AS/NZS CISPR 32 Class A, VCCI Class A
Dimensions	Without weathershield: Height: 104 mm (4.09 in)/107 mm (4.21 in) (9 mm/22 mm) ø 149 mm (5.87 in)
Weight	With weathershield: 800 g (1.8 lb)/900 g (2.0 lb) (9 mm/22 mm)
Included accessories	Installation guide, Windows® decoder 1-user license, drill template, RESISTORX® T20 L-key (9 mm), RESISTORX® T20 scre bit (22 mm), terminal block connectors, cable gaskets, connect guard, weathershield
Optional accessories	AXIS TP3201-E Recessed Mount, AXIS TP3103-E Pendant Kit, AXIS T94K01D Pendant Kit, AXIS T8355 Digital Microphone 3.5 mm, AXIS Surveillance Cards 9 mm: AXIS Dome Intrusion Switch C, AXIS TP3804-E Metal Casing White, AXIS TP3802-E Clear/Smoked Dome, AXIS TP3820-E Casing Black/White 22 mm: AXIS TP3824-E Dome Clear/Smoked, AXIS TP3821-E Casing Black/White For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty	5-year warranty, see axis.com/warranty

 This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).





Datasheet

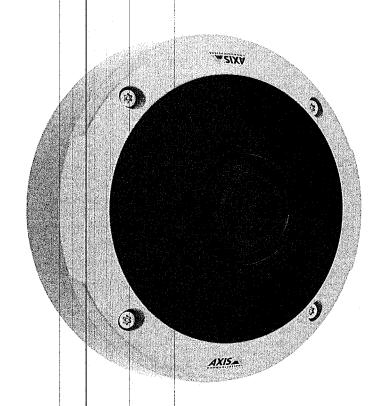


AXIS M3058-PLVE

12 MP outdoor-ready dome with 360° panoramic view and IR illumination

AXIS M3058-PLVE Network Camera delivers outstanding video in any light conditions, using Axis-developed Forensic WDR and Lightfinder technologies. With its integrated, automatically adaptable OptimizedIR illumination, this versatile camera even sees in the dark. The camera offers 360° overview as well as dewarped views. AXIS M3058-PLVE is vandal resistant (IK10) and discreetly designed. The optional black skin, which is also easily repaintable, can be used to further blend the camera into its environment. The camera has good capacity for analytics. It comes factory-focused and is designed for easy installation.

- > 12 MP sensor
- > OptimizedIR illumination
- > Lightfinder technology
- > Forensic WDR
- > Zipstream for reduced bandwidth and storage









Camera Image sensor	12 MP (4000x3000) 1/1.7" progressive scan RGB CMOS	Event triggers	Analytics, supervised external input, virtual inputs through API, edge storage events
Lens	Fixed iris, fixed focus, 1.2 mm, F2.2 Horizontal field of view: 181° Vertical field of view: 181°	Event actions	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email
Day and night	Automatically removable infrared-cut filter		Pre- and post-alarm video or image buffering for recording or upload
Minimum illumination	Color: 0.19 lux at 50 IRE F2.2 B/W: 0.04 lux at 50 IRE F2.2 0 lux with IR illumination on		Notification: email, HTTP, HTTPS, TCP and SNMP trap PTZ: PTZ preset, start/stop guard tour Overlay text, external output activation
Shutter time	1/22 500 s to 2 s	Data streaming	Event data
Camera angle adjustment	Rotation n ±180°	Built-in installation aids	Pixel counter, digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views
Video Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	General Casing	IP66- and NEMA 4X-rated, IK10 impact-resistant casing in polycarbonate and aluminium, with hard-coated dome and dehumidifying membrane
Resolution	Overview: 2992x2992 to 160x160 Panorama: 3584x1344 to 192x72 Double panorama: 3584x2688 to 256x144 Quad view: 3584x2688 to 256x144 View area 1-4, 16:9: 2304x1296 to 256x144, 4:3: 2048x1536		Encapsulated electronics and captive screws Color: White NCS S 1002-B For repainting, use the optional skin cover. Contact your Axis partner for instructions.
	to 320x240	Sustainability	PVC free
	Panorama corner left/right: 3200x1600 to 192x72 Double panorama corner: 2880x2880 to 320x240	Memory	2 GB RAM, 512 MB Flash
Frame rate	Corridor: 2560x1920 to 256x144 360° overview only, up to 2992x2992 without WDR: 25/30 fps @	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 7.8 W, max 12.95 W
	50/60 Hz 360° overview and dewarped views up to max resolution with WDR: up to 12.5/15 fps @ 50/60 Hz	Connectors	RJ45 10BASE-T/100BASE-TX PoE Terminal block for 1 supervised alarm input and 1 digital output (12 V DC output, max. load 25 mA) HDMI type D ⁰
Video streaming	JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth	IR illumination	OptimizedIR with with power-efficient, long-life 850 nm IR LED: with adaptable illumination intensity Range of reach 15 m (49 ft) or more depending on scene
Multi-view streaming	VBR/MBR H.264 360° overview, dewarped panorama, double panorama, corridor and quad views. Up to 4 individually cropped out and dewarped view areas. All different views can be streamed simultaneously.	Storage	Support for microSD/microSDHC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
:	When streaming 4 dewarped view areas and one 360° overview in max resolution: up to 12 fps per stream	Operating conditions	-40 °C to 50 °C (-40 °F to 122 °F) Maximum temperature (intermittent): 55 °C (131 °F)
HDMI output	HDMI 1080p @ 50/60 fps (50/60 Hz)		Start-up: -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Image settings	Compression, color, brightness, sharpness, contrast, local contrast, white balance, exposure control (including automatic gain control) exposure zones, fine tuning of behavior at different	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
	light levels, forensic WDR: up to 120 dB depending on scene, dynamic text and image overlay, privacy masks, mirroring of images, rotation: 0°, 180°, including Corridor Format	Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A,
Pan/Tilt/Zoom	Digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views, preset positions, guard tour		ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety
Network Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management		IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14 IEC 60068-2-27, IEC/EN 60529 IP66, IEC/EN 62262 IK10,
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP°, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ADD, CIGCE, SCIL, UBB, UDM, 4 dt.	Dimensions	NEMA 250 Type 4X Height: 66 mm (2 5/8 in) ø 149 mm (5 7/8 in)
System integro	ARP, SOCKS, SSH, LLDP, HDMI 1.4b	Weight	770 g (1.7 lb)
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com	Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, cable gaskets, connector guard, I/O connector, Resistorx® T20 L-key, mounting bracket, cable hole lid, view protector
Analytics	AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profile S and ONVIF® Profile G, specification at <i>onvif.org</i> Included	Optional accessories	AXIS T94T02D Pendant Kit with weathershield, AXIS T94K01D Pendant Kit, AXIS T94S02L Recessed Mount Kit, AXIS M30 Skin Cover A Black, Axis Mounts & Cabinets
	AXIS Video Motion Detection, active tampering alarm Supported AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard	Video	For more accessories, see www.axis.com AXIS Companion, AXIS Camera Station, video management
	Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap	management software	software from Axis' Application Development Partners available on www.axis.com/vms

November 20, 2023

Daniel Baxter
Dr Ossian H Sweet Foundation
2905 Garland
Detroit, MI 48214

Proposed Scope of Work

Infinite Technologies LLC is pleased to present a quotation to provide the following City of Detroit Greenlight Project Camera Solution for 2905 Garland Street, Detroit, MI.

Work to consist of establishing Greenlight Cameras for the interior and exterior the building per DPD Avert *See attached map

- Install (2) Axis M3066-V Interior Cameras (Red on map)
- Install (2) Axis M3058 PLVE Exterior Camera (Blue on map)
- Install (2) Axis M3058-PLVE Exterior Camera (Green on map)
- Install (1) Axis 8 Port POE Switches
- Install (6) Axis SD Cards
- Annual Cloud Storage and Cloud Monitoring Fee (1 Yr.)
- Cat 6 Network Cabling, Cat 6 Jacks, Cat 6 Patch Cords to complete installation
- Labor, installation, programming

Product Description	<u>Qty</u>
Axis M3066-V Camera	2
Axis P3265 LVE Cameras	2
Axis M3058-PLVE (180 view)	2
Axis 8 Port POE Switch	1
Axis 128GB SD Cards	6
All Network Cabling Material	
Annual Monitoring Fee (1 Yr.)	

November 20, 2023

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