

Siemens Industry, Inc.

Date: April 7, 2021
To: Lolly Huggins
RE: 44OP-297429: Snohomish County DJJC – NSBHO Cameras

Siemens Industry, Inc. (SI) is pleased to provide the following proposal for the above referenced project. This quote is based upon providing new IP cameras for the new NSBHO area located at the DJJC. The original intent for this project was to utilize existing hardware provided by the owner. Siemens discovered the cameras provided by the owner would not fit the electrical rough-in boxes without leaving gaps in the ceiling.

Siemens has been instructed to provide a cost estimate for six (6) new replacement cameras, as this would be considered a security and safety risk. This request will be an add to the existing base contract.

Clarifications

1. Pricing includes project management for the duration of the project schedule.
2. Pricing includes one (1) year warranty on materials and workmanship.
3. Materials pricing is for the extent of the project schedule.

Exclusions

1. Cutting, painting and patching.
2. No Server.
3. Scope of work outside the above-mentioned specification systems.
4. Sales Tax
5. Access Cards.
6. Provision or installation of wire, fiber, electrical distribution components, conduit and boxes.
7. Network connectivity, provided by others
8. All cabling and conduit throughout project
9. Dedicated Telephone lines or monitoring services for systems listed above.
10. Fire Alarm system interface, if required.
11. All lock hardware, and electrified lock hardware to be provided by others.
12. 120VAC connections and supply to be done by others as required.
13. Performance or Payment bonds.
14. Costs associated with schedule acceleration, project meetings, multiple trips onsite due to incompleteness of others, or multiple unplanned phases.
15. Gates, motors and ground loop devices, to be provided by others.

Siemens Industry, Inc.

Payment Terms Acceptance Agreement

The total price of \$6,590.00 and the estimated return on investment are based on the items outlined in this proposal. ANY statements made herein regarding savings that may be achieved by implementing the services offered in this proposal are estimates only. No warranty, either expressed or implied, shall be construed to arise from such statements, nor shall such statements be construed as constituting a guarantee by Siemens that such savings will occur if the services are implemented.

Total System Cost:

- *Six Thousand Five Hundred Ninety and No Cents (\$6,590.00)*

Terms and Conditions Disclaimer

The Customer acknowledges that when approved by the Customer and accepted by Siemens Industry, Inc.: (i) the Proposal and the Contract Terms and Conditions, (together with any other documents incorporated into the forgoing) shall constitute the entire agreement of the parties with respect to its subject matter (collectively, hereinafter referred to as the "Agreement") and (ii) in the event of any conflict between the terms and conditions of the Proposal and the terms and conditions of The Contract Terms and Conditions, the Contract Terms and Conditions shall control.

BY EXECUTION HEREOF, THE SIGNER CERTIFIES THAT (S)HE HAS READ ALL OF THE TERMS AND CONDITIONS AND DOCUMENTS, THAT SIEMENS OR ITS REPRESENTATIVES HAVE MADE NO AGREEMENTS OR REPRESENTATIONS EXCEPT AS SET FORTH THEREIN, AND THAT (S)HE IS DULY AUTHORIZED TO EXECUTE THE SIGNATURE PAGE ON BEHALF OF THE CUSTOMER.

This Proposal is based on the Siemens Industry, Inc. Standard Terms and Conditions and the "Scope of Work" and is to be considered part of this proposal. Proposal is valid for thirty (30) days from the delivery date of April 7, 2021. Payment is due within 30 days of invoice date.

Please contact me if you need any further clarifications regarding the Siemens statement of work. Thank you for the opportunity.

Proposal accepted by:

Name: JaNae Nelson
Title: Director
Company: Snohomish County

Signature

Date

Proposal submitted by:

Robert Williamson
Senior Project Manager
Siemens Industry, Inc

Robert Williamson 04/05/2021
Signature Date



Product at a Glance

- ▶ 12 MP
- ▶ Built-in traditional fisheye lens for 180° panoramic view and 360° surround view
- ▶ WDR
- ▶ H.265/H.264 compression; M-JPEG compression
- ▶ 49 ft/15 m IR range; Smart IR
- ▶ Triple streaming
- ▶ Smart encoding
- ▶ Power-over-Ethernet (PoE+); 24 VAC
- ▶ Supports web de-warping
- ▶ Dual heaters for defog and low temperature operation
- ▶ Bi-directional audio communication and built-in microphone
- ▶ SD card slot for on-camera storage
- ▶ IP67 rated for outdoor environments
- ▶ IK10 rated for impact protection
- ▶ NDAA/GSA/TAA compliant; ONVIF S/T/G/Q

Overview

Vicon's Roughneck® V2360W-12 Panoramic Camera is a fisheye 360° IP dome camera that provides a high-resolution, hemispherical view that eliminates blind spots and improves long-term reliability. The vandal-proof 360-degree dome camera can be mounted on a ceiling or wall and is suitable for both outdoor and indoor applications.

The integral fisheye lens provides an extremely wide angle of view that captures the entire environment in front of the camera, allowing one camera to easily cover a large-scale area. When installed on a wall or in a ceiling, the camera can capture a 360° view of the surroundings and then offer a dewarped view.

The V2360W-12 provides triple-streaming video and supports H.264/H.265 compression technology, drastically reducing file sizes and conserving valuable network bandwidth; M-JPEG compression is also supported. Smart encoding effectively enhances video encoding efficiency and further reduces transmission rate and improves storage capacity. The camera is designed for easy installation. Power over Ethernet (IEEE 802.3at) eliminates the need for power cables, providing a cost-effective method of installation; 24 VAC is also accepted. A dual heater system is provided that maintains proper temperature in the camera housing and prevents fogging of the window. Refer to Ordering Information for details on accessories and other mounting options.

The true day/night progressive scan camera includes a removable IR cut filter for superior image quality in all lighting conditions. Wide Dynamic Range further improves video exposure quality in scenes with high contrast between bright and dark areas.

For protection against the elements, the camera dome is IP67 rated with a IK10 vandal-proof casing to withstand rain, dust, and vandalism. The camera meets the latest regulations required to be NDAA, GSA schedule and TAA approved and support ONVIF profiles S/T/G/Q.

The camera can be used with Vicon Valerus™ as well as many other popular VMS systems; each VMS may support different camera functions.

Specifications

Model	V2360W-12
Image Sensor:	1/1.7-in.
Max Resolution:	4000×3000 (12 MP)
Image Settings:	Digital image effects: flip. Configurable brightness, contrast, saturation, hue, sharpness. White balance. Backlight Compensation (BLC). HLC. Gain control. Gamma correction. Electronic shutter speed. Day/night mode. Dynamic Noise Reduction (3 DNR). Motion detection (4 programmable zones). Privacy masking (8 masks). Dynamic ROI. Event notification.
Video Content Analysis (VCA):	Motion, Tampering/Defocus
Electronic Shutter Speed:	Auto (1/2 ~ 1/10,000 sec), manual
Day/Night Performance:	True day/night (IR cut filter)
Wide Dynamic Range	Digital WDR
Minimum Illumination (@ 30 IRE):	Color: 0.04 lux; BW: 0.03 lux, IR Off; 0 lux (IR On)
IR Distance:	Smart IR. 49 ft (15 m); 1 IR LED
Dual Heater System:	For low temperature operation: heater turns on at -40° F (-40° C) and off at 59° F (15° C). For defog operation: heater turns on at -40° F (-40° C) and off at 140° F (60° C)
Lenses	
Lens Type:	Fixed f/1.2 mm focal length; f/2.2
Field-of-View:	195° (at full resolution); 360° (surround view)
Network Video Transmission	
Network:	10/100Base-T/TX: RJ-45
Image Compression:	H.264; H.265; M-JPEG
Resolution:	12 MP: 4000×3000, 3000×3000, 2592×1944, 1944×1944, 2048×1536, 1536×1536, 1280×960, 960×960, 800×600, 608×600, 640×480, 480×480, 230×240, 240×240
Protocol:	ARP, DHCP, DNS, FTP, HTTP, HTTPS, HLS, ICMP, IGMP, IPv4/6, LDAP, NTP, RTSP/RTCP/RTP, RTMP, QoS, SMTP, SNMP v1/2c/3, TCP, TLS/TTLS, UDP, UPnP, 802.1X, UPnP, Bonjour, DDNS, PPPoE; ONVIF S/G/Q/T
Frame Rate:	30/25 fps max
Streams:	Triple streaming. Single: 12 MP@20fps; Dual: 12 MP@15fps + 1280×960@15fps; Triple: 12 MP@15fps + 1280×960@15fps + 1280×960@15fps
Audio:	1 audio input/1 audio output; G.711 (a-law, μ-law); built-in microphone; audio level alarm
Alarm:	1 alarm input/1 alarm output
Users:	Live: 10 users
Web Browser:	Internet Explorer 11®; Chrome®, Safari®, Firefox®, Microsoft® Edge
Security:	IP address filtering, HTTPS encrypted data transmission, SSL, IEEE 802.1X, Digest Authentication, Advanced Security

Specifications





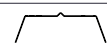
Mechanical	
Construction:	Housing: white aluminum. Bubble: PC.
Mounting:	Surface mount, wall or ceiling
Dimensions:	5 in. (150 mm) (Diam) x 2.2 in. (57 mm) (H)
Weight:	2 lb (0.9 kg)

Electrical	
Input Power:	PoE+ IEEE 802.3at class 4; 24 VAC
Current:	24 VAC: 1.1 A; PoE: 0.52 A
Power Consumption:	IR/Heaters On: 25 W; IR Off/Heaters On: 12.2 W

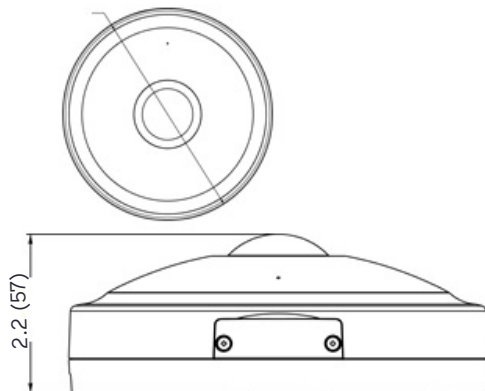
Controls and Connectors	
Connectors:	Optional backbox available for cabling. Power: 24 VAC terminal block; PoE/Network: RJ-45 CAT 5; Audio Input/Output: terminal block; built-in mic. Reset button/Default button; Micro SD card slot for SDHC/SDXC card (128 G max; customer-supplied);

Environmental	
Operating Conditions:	Temperature: -40° to 122° F (-40° to 50° C) Humidity: up to 90%, non-condensing
Approvals:	UL, FCC Class A, CE, IP67, IK10, ONVIF Profile S/T/G/Q, RoHS
Country of Origin:	Taiwan
Warranty:	3 years

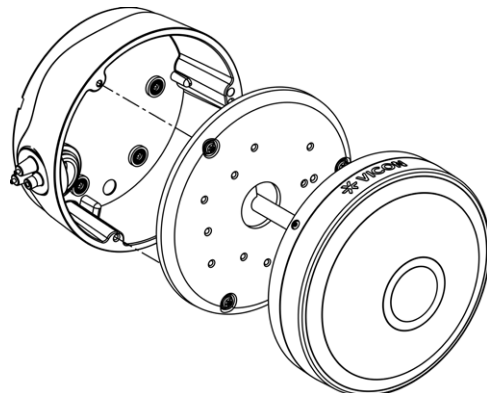
Ordering Information		
Resolution	Lens	Model Number
12 MP	Fixed f/1.2 mm	V2360W-12

Accessories			
Pendant Mount	Provides pendant mounting configuration for use with SVFT-WM-1/UWM-1/UCM-1/UPM-2, V-24CMB-3, V-20B-A-3	V2000D-PM	
Adapter Plate	Allows the V2360W to be mounted on a 4x4 electrical box	V2360W-PLATE	
Backbox	For ease of cabling	V2000B-BOX	
In-Ceiling Mount	Allows V2360W to be mounted in a drop ceiling	V2360W-ICD	
In-Ceiling Mount	Allows V2360W to be mounted in a hard ceiling	V2360W-ICH	

Dimension Drawing [in. (mm)]



Use optional V2000B-BOX (sold separately)



Data Sheet Number: V318-60-02
Vicon Data Sheet Number: 8009-7318-60-02

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