

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-357
Item to be Scouted	Audio Intercom (IP) System
Days to be scouted	30
Response Due By	10/31/2025
Description	DEW Construction (GC), our trade partner (Kelley Brothers) need assistance sourcing a BABAA compliant IP Intercom System. This project is for the Burlington Central School District (CSD) in South Burlington, VT.

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	contains the cost and quantity of each component required in the system. Specific components to be used are boxed in red. Miscellaneous components BABAA conduit, backboxes, low-voltage wiring, wire terminations, etc. are furnished and installed by the project electrician. They are a separate trade partner, not part of this request and whose material has been addressed through separate BABAA search assistance requests if needed.
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Unknown, this is not standard information listed in a product data submittal and has no bearing on the engineer and architect of record or client's acceptance of this product.
Provide dimensions / size / tolerances / performance specifications for the item	See attached submittal for component product data. Page 1 of submittal #281523.23-001-0 contains the list of each component in the Intercom System with product data pages following. Specific components to be used are boxed in red.
List required materials needed to make the product, including materials of product components	Unknown, this is not standard information listed in a product data submittal and has no bearing on the engineer of record's acceptance of this product. If information is necessary for sourcing, please refer to product data sheets provided.
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	<p>See attached submittal for component product data. Page 1 of submittal #281523.23-001-0 contains the list of each component in the Intercom System with product data pages following. Specific components to be used are boxed in red.</p> <p>No CSI specification section #281523 for Audio Intercom (IP) was provided by the design team. The only information provided was a Basis of Design product, see attached Security Riser drawing TS601, detail #2.</p>

Section 4: Business Information

Estimated potential business volume	Component quantities are identified on page 1 of attached submittal #281523.15-001-0 Intercom System PD. This will be a one-time order for this project.
Estimated target price / unit cost information (if unavailable explain)	Component prices are identified on page 1 of attached submittal #281523.15-001-0 Intercom System PD. This will be a one-time order for this project.
When is it needed by?	Immediately. This project is very near to substantial completion.
Describe packaging requirements	Packaging is to be determined by the manufacturer such that equipment arrives undamaged to the project site.
Where will this item be shipped?	South Burlington, VT 05495

Additional Comments

Is there other information you would like to include?

Funding Agency: Department of Commerce, National Institute of Standards and Technology. Attached for reference is the grant award letter provided to Burlington High School for this project.

DEW Construction, BABAA Contact: Michael Snyder, Cell: (802) 798-4976, Email: msnyder@dewconstruction.com.

FINANCIAL ASSISTANCE AWARD**FEDERAL AWARD ID NUMBER**

60NANB23D159

RECIPIENT NAME

Burlington School District

PERIOD OF PERFORMANCE

09/01/2023 - 08/31/2026

STREET ADDRESS

150 Colchester Ave

FEDERAL SHARE OF COST

\$9,900,000.00

CITY, STATE ZIP

Burlington, VT 05401-1422

RECIPIENT SHARE-OF COST

\$0.00

AUTHORITY

Consolidated Appropriations Act, 2022

TOTAL ESTIMATED COST

\$9,900,000.00

CFDA NO. AND NAME

11.617 Congressionally-Identified Projects

PROJECT TITLE:

Burlington Aviation Technology Center Facility

This Award Document (Form CD-450) signed by the Grants Officer constitutes an obligation of Federal funding. By signing this Form CD-450, the Recipient agrees to comply with the Award provisions checked below and attached. Upon acceptance by the Recipient, the Form CD-450 must be signed by an authorized representative of the Recipient and returned to the Grants Officer. If not signed and returned without modifications by the Recipient within 30 days of receipt, the Grants Officer may unilaterally withdraw this Award offer and de-obligate the funds.

☒ DEPARTMENT OF COMMERCE FINANCIAL ASSISTANCE STANDARD TERMS AND CONDITIONS

R & D AWARD

FEDERAL-WIDE RESEARCH TERMS AND CONDITIONS, AS ADOPTED BY THE DEPT. OF COMMERCE

☒ SPECIFIC AWARD CONDITIONS

☒ LINE ITEM BUDGET

☒ 2 CFR PART 200, UNIFORM ADMINISTRATIVE REQUIREMENTS, COST PRINCIPLES, AND AUDIT REQUIREMENTS, AS ADOPTED PURSUANT TO 2 CFR § 1327.101

48 CFR PART 31, CONTRACT COST PRINCIPLES AND PROCEDURES

MULTI-YEAR AWARD. PLEASE SEE THE MULTI-YEAR SPECIFIC AWARD CONDITION.

☒ OTHER(S): U.S. DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
STANDARD TERMS AND CONDITIONS FOR EXTRAMURAL CONSTRUCTION PROJECTS, MAY 11, 2023

SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER

SHIOU YUN LIU

Digitally signed by SHIOU YUN
LIU
Date: 2023.09.15 08:23:32 -04'00'

Shiou Liu

DATE

PRINTED NAME, PRINTED TITLE, AND SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL

Tom Flanagan, Superintendent



DATE

9/18/23

Award Number: 60NANB23D159, Amendment Number 0

Federal Program Officer: Robert Slocum

Requisition Number: 195161

Employer Identification Number: 471351664

UEI Number: VCCSKXGSMEJ5

Recipient ID: 1155128

Requestor ID: 1155128

Award ACCS Information

Bureau	FCFY	Project-Task	Organization	Object Class	Obligation Amount
57	2023	1959000-000	10-19-0195-00-00-00-00	41-98-00-00	\$9,900,000.00

Award Contact Information

Contact Type	Contact Name	Email	Phone
Administrative	Mr. Barry Gruessner	bgruessn@bsdvt.org	8028648462

NIST Grants Officer:

Shiou Liu
100 Bureau Drive, MS 1650
Gaithersburg, MD 20899-1650
(301) 975-8245

NIST Grants Specialist:

LaShae Green
100 Bureau Drive, MS 1650
Gaithersburg, MD 20899-1650
(301) 975-3070

**NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
2022 CONGRESSIONALLY IDENTIFIED CONSTRUCTION GRANT PROGRAM
FINANCIAL ASSISTANCE
SPECIFIC AWARD CONDITIONS**

1. Description of Work:

The National Institute of Standards and Technology (NIST) hereby enters into this grant number 60NANB23D159 with Burlington School District to support the work described in the proposal entitled “Burlington Aviation Technology Center Facility” dated November 17, 2022, and any revisions received during the application review, which are hereby incorporated into this award by reference.

The scope of work for this project is anticipated to provide a total building space in the range of 30,000 to 45,000 gross SF to include classrooms, offices, shops/tech areas, storage, hangar space and general building facilities with the intent to educate up to 150 high school students and adults each year with the technical center housing aviation for 11th and 12th graders as well as adult programs that finishes the airframe and powerplant training.

Work will be completed in accordance with the schedule submitted by Burlington School District in the Project Management and Schedule dated November 17, 2022.

The Burlington School District shall diligently pursue the development of the project to ensure completion within this time schedule and shall promptly notify NIST in writing of any event that could substantially delay meeting any of the prescribed time limits for the project as set forth above. The Burlington School District further acknowledges that failure to meet the development time schedule may result in NIST taking action to suspend or terminate the Award in accordance with the regulations set forth at 2 CFR § 200.339.

Where the terms of this award and the proposal differ, the terms of this award shall prevail.

2. Recipient Contact Information:

Administrative:

Barry Gruessner
Grants Director
Burlington School District
150 Colchester Avenue
Burlington, VT 05401-1422
Telephone: 802-864-8462
Email: bgruessn@bsdvt.org

NIST Financial Assistance Award Number: 60NANB23D159

Amendment: NEW

Recipient: Burlington School District

Authorized Representative:

Tom Flanagan
Superintendent
Burlington School District
150 Colchester Avenue
Burlington, VT 05401-1422
Telephone: 802-865-5332
Email: tflanagan@bsdvt.org

3. NIST Award Contact Information:

Grants Officer:

Michelle Shiouyun Liu
National Institute of Standards and Technology
100 Bureau Drive, Mail Stop 1650
Gaithersburg, MD 20899-1650
Telephone: 301-975-8245
Email: shiouyun.liu@nist.gov

Grants Specialist:

LaShae Green
National Institute of Standards and Technology
100 Bureau Drive, Mail Stop 1650
Gaithersburg, MD 20899-1650
Telephone: 301-975-3070
Email: lashae.green@nist.gov

Federal Program Officer:

Robert Slocum
National Institute of Standards and Technology
100 Bureau Drive
Gaithersburg, MD 20899
Email: robert.slocum@nist.gov

4. Award Payments:

This award is hereby funded through advanced payments using the Department of Treasury's Automated Standard Application for Payments (ASAP) system. Payments will be issued in accordance with 2 CFR § 200.305 and the Department of Commerce Financial Assistance Standard Terms and Conditions, B.02, dated November 12, 2020.

Payments for allowable costs may be drawn down as needed by the Recipient enrolled in ASAP. Funds may be requested through ASAP by the authorized *Payment Requestor* who is the individual designated by the Recipient to access Federal funds.

NIST Financial Assistance Award Number: 60NANB23D159

Amendment: NEW

Recipient: Burlington School District

This award has the following control or withdrawal limits set in ASAP:

- ☐ None
- ☐ Agency Review required for all withdrawals (see explanation below)
- ☐ Agency Review required for all withdrawal requests over
\$ _____ (see explanation below)
- ☒ Maximum Draw Amount controls (see explanation below)
 - \$ _____ each month
 - \$ _____ each quarter
 - \$0.00 _____ Max drawdown amount

Explanation:

Environmental & Historic Compliance Requirements

A total of \$9,900,000.00 in Federal funding is hereby withheld until the requirements identified in Specific Award Condition (SAC) #17 Environmental and Historic Review is satisfied. A Six-Month Expenditure Plan may be submitted to request funding for expenditures limited to Environmental and Historic Requirement compliance as identified in SAC #17.

In addition, the final site selection for the Burlington Aviation Technology Center Facility must be provided to NIST and approved by NIST prior to advertisement of construction. All federal funding is hereby withheld until this requirement is satisfied, as identified in SAC #19 Final Site Selection, below.

5. Return Payments for Funds Withdrawn through ASAP:

Funds that have been withdrawn through ASAP may be returned to ASAP via the Automated Clearing House (ACH) or via FEDWIRE. The ACH or FEDWIRE transaction may only be completed by the Recipient's financial institution. Full or partial amounts of payments received by a Payment Requestor/Recipient Organization may be returned to ASAP. All funds returned to the ASAP system will be credited to the ASAP Suspense Account. The Suspense Account allows the Regional Financial Center to monitor returned items and ensure that funds are properly credited to the correct ASAP account. Returned funds that cannot be identified and classified to an ASAP account will be dishonored and returned to the originating depository financial institution (ODFI). The Payment Requestor/Recipient Organization should notify the NIST Grants Office and provide a reason whenever return payments are made.

It is essential that the Payment Requestor/Recipient Organization provide its financial institution with ASAP account information (ALC, Recipient ID and Account ID) to which the return is to be credited. Additional detailed information is accessible at:
<https://www.fiscal.treasury.gov/asap/>.

6. Period of Performance and Funding Limitations:

NIST Financial Assistance Award Number: 60NANB23D159
Amendment: NEW
Recipient: Burlington School District

The period of performance and budget incorporated into this award cover a 3-year period of performance and provide for a maximum total amount of \$9,900,000.00 in Federal funding. This award is being fully funded via this award action.

The maximum amount of NIST funding in support of this award will not exceed the amount specified in the award documents, unless otherwise amended in writing by the NIST Grants Officer. The Department of Commerce is not liable for any obligations, expenditures, or commitments which involve any amount in excess of the Federal funds being made available pursuant to this award.

7. Request for Application - 2022 Congressionally Identified Construction Grant Program:

The Department of Commerce, National Institute of Standards and Technology Request for Application (RFA) No. 2022-NIST-RFA-CICGP-01, dated October 18, 2022, is incorporated by reference into this award. It is accessible at:
<https://www.grants.gov/web/grants/view-opportunity.html?oppId=344108>

8. Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements:

The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements as published in the *Federal Register* on December 30, 2014 (79 FR 78390) is incorporated by reference into this award. It is accessible at:
<http://www.gpo.gov/fdsys/pkg/FR-2014-12-30/pdf/2014-30297.pdf>.

9. Uniform Administrative Requirements, Cost Principles and Audit Requirements

Through 2 C.F.R. § 1327.101, the Department of Commerce adopted Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards at 2 C.F.R. Part 200, which apply to awards in this program. Refer to <http://go.usa.gov/SBYh> and <http://go.usa.gov/SBg4>. Awards issued pursuant to this program may be subject to specific award conditions as authorized by 2 C.F.R. § 200.208.

10. Deviation to the Department of Commerce Financial Assistance Standard Terms and Conditions, Section A.01 "Reporting Requirements":

The Recipient must submit a Federal Financial Report (SF-425) and Performance Progress Report on a quarterly basis for the periods ending March 31, June 30, September 30, and December 31, or any portion thereof.

Reports are due no later than 30 calendar days following the end of each reporting period. A final SF-425 and Performance Progress Report must be submitted within 120 days after the expiration of the period of performance.

All SF-425 and Performance Progress Reports must be submitted to: GReports@nist.gov, within the prescribed timeframes identified in the terms and conditions of the award.

The Recipient organization name, NIST award number, and reporting period must be included in the email subject line. The Recipient contact information should be included in the body of the message. To the greatest extent possible, SF-425 and Performance Progress Reports should be submitted together in the same email.

SF-425 and Performance Progress Reports must not be sent directly to NIST personnel (e.g. Grants Specialist, Grants Officer, Administrative Assistant, GMD Division Chief, Federal Program Officer, etc.).

Any SF-425 or Performance Progress Reports sent directly to NIST personnel will be returned to the sender with instructions on how to submit through the GReports@nist.gov mailbox.

No other correspondence may be sent through this mailbox; timely responses to any other inquiries received in this mailbox are not guaranteed. The mailbox will not be used for any other purpose except for purposes identified above.

11. Department of Commerce Financial Assistance Standard Terms and Conditions:

As indicated on the Form CD-450 for this award, the Department of Commerce Financial Assistance Standard Terms and Conditions (ST&C) issued November 12, 2020, are incorporated by reference into this award. The Department's ST&C, as well as a link to 2 CFR Part 200, are accessible at: <https://www.commerce.gov/oam/policy/financial-assistance-policy>.

12. NIST Standard Terms and Conditions for Extramural Construction Projects:

As indicated on the Form CD-450 for this award, the National Institute of Standards and Technology Standard Terms and Conditions for Extramural Construction Projects (Construction ST&Cs) dated May 11, 2023 are incorporated by reference into this award. The Construction ST&Cs are accessible at [NIST Standard Terms and Conditions for Extramural Construction Projects | NIST](#).

13. Unfunded Grant Actions Mailbox (UGAM):

Requests for unfunded award actions, which include, but are not limited to, requests for no-cost extension, change in key personnel, change in scope of work, and budget revisions must be submitted to: UGAM@nist.gov, within the prescribed timeframes identified in the terms and conditions of the award.

NIST Financial Assistance Award Number: 60NANB23D159

Amendment: NEW

Recipient: Burlington School District

Unfunded award action requests and related correspondence, including justification to support the request, sent to the mailbox must contain the following information in the email subject line: (1) Recipient name; (2) NIST award number; (3) Principal Investigator/Project Director; and (4) Action being requested (e.g. no cost extension, change in key personnel, etc.).

Unfunded award action requests must not be sent directly to NIST personnel (e.g. Grants Specialist, Grants Officer, Administrative Assistant, GMD Director, Federal Program Officer, etc.).

Any requests sent directly to NIST personnel will be returned to the sender with instructions on how to submit through the UGAM@nist.gov mailbox.

No other correspondence may be sent through this mailbox; timely responses to any other inquiries received in this mailbox are not guaranteed. The mailbox will not be used for any other purpose except for purposes identified above.

Requests that are processed will be authorized via a Form CD-451 Amendment to the Financial Assistance Award or a Non-Funded Administrative Change Letter.

14. Supervision of the Recipient's Staff and Associates and Compliance with NIST Policies on Use of Federal Facilities and Equipment:

Consistent with Department of Commerce Financial Assistance Standard Terms and Conditions, Section A.05, nothing in this award will be construed as authorizing the Recipient or its employees, agents, or assigns to act as an agent or assign of NIST, and the Recipient must exercise all diligence to ensure that no third party construes the Recipient as an actual, ostensible, or apparent agent of NIST. For purposes of this award, the use of the term "personnel" herein includes all third parties, such as contractors, subrecipients, students, fellows, or others participating under the direction of the Recipient's programs. The Recipient acknowledges that it is independent of NIST in the performance of the approved projects, and that the Recipient assumes full and sole responsibility for all benefits and protections of the Recipient's personnel and agents whose services are utilized by the Recipient in the execution of this award.

Accordingly, the Recipient must control the means and manner of its personnel's activities on the project, including those conducted on a NIST campus, on Recipient property, and at other locations for the project. The Recipient must directly provide a salary, stipend, or other funding to the personnel, and must establish the work schedule and tenure for the personnel. The Recipient is the supervisor of record for the personnel and will coordinate with NIST as needed to ensure that the research remains consistent with NIST program objectives.

15. Estimated Useful Life:

The estimated useful life of the building renovation portion of this project is 15 years from when the date on which the Certificate of Occupancy for the renovations is issued.

16. Property Trust Relationship and Public Notice Filings for Grant-Acquired Property:

In accordance with 2 CFR § 200.316 (Property trust relationship), real property, equipment, and intangible property, that are acquired or improved with a Federal award must be held in trust by the non-Federal entity (*i.e.*, Recipient or Subrecipient) as trustee for the beneficiaries of the project or program under which the property was acquired or improved. This trust relationship exists throughout the duration of the property's estimated useful life, as determined by the Grants Officer in consultation with the Program Office, during which time the Federal Government retains an undivided, equitable reversionary interest in the property (Federal Interest). The non-Federal entity must comply with all use and disposition requirements and restrictions as set forth in 2 C.F.R. §§ 200.310 (Insurance coverage) through 200.316 (Property trust relationship), as applicable, and in the terms and conditions of the Federal award.

The Grants Officer may require a non-Federal entity (*i.e.*, a Recipient or Subrecipient) to execute and to record (as applicable) a statement of interest, financing statement (Form UCC-1), lien, mortgage or other public notice of record to indicate that real or personal property acquired or improved in whole or in part pursuant to this award is subject to the Federal Interest, and that certain use and disposition requirements apply to the property. The statement of interest, financing statement (Form UCC-1), lien, mortgage or other public notice must be acceptable in form and substance to the NIST Grants Officer and must be placed on record in accordance with applicable State and local law, with continuances re-filed as appropriate. In such cases, the NIST Grants Officer may further require the non-Federal entity to provide a written statement from a licensed attorney in the jurisdiction where the property is located, certifying that the Federal Interest has been protected, as required under the award and in accordance with applicable State and local law. The attorney's statement, along with a copy of the instrument reflecting the recordation of the Federal Interest, must be promptly returned to the Grants Officer.

Without releasing or excusing the non-Federal entity from these obligations, the non-Federal entity, by execution of the financial assistance award or by expending Federal financial assistance funds (in the case of a subrecipient), authorizes the NIST Grants Officer to file such notices and continuations as it determines to be necessary or convenient to disclose and protect the Federal Interest in the property. The NIST Grants Officer may elect not to release any or a portion of the Federal award funds until the non-Federal entity has complied with this provision and any other applicable award terms or conditions, unless other arrangements satisfactory to the NIST Grants Officer are made.

17. Environmental and Historic Review:

NIST Financial Assistance Award Number: 60NANB23D159
Amendment: NEW
Recipient: Burlington School District

The Recipient must comply with all applicable requirements, environmental and historic preservation laws, Executive Orders, regulations, standards, and guidance, and identify to NIST any impact a project may have on the environment or historic resources.

Project implementation may not begin prior to the completion of a review of potential environmental impacts, per the National Environmental Policy Act of 1969 (42 U.S.C. 4321, et. seq.) (NEPA) and Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C. § 470, et. seq.).

The completion of NEPA compliance activities will result in one of the following: a Categorical Exclusion, an Environmental Assessment/Finding of No Significant Impact (EA/FONSI), or an Environmental Impact Statement. A decision document will not be issued until all required consultations, including, Section 7 of the Endangered Species Act (16 U.S.C. §1531, et. seq.), and any other required consultations are complete. The Recipient must also address compliance with all other applicable federal, state, and local environmental laws and regulations.

Under Section 106 of the NHPA, federal agencies, and by extension recipients of federal grant funds, must evaluate the potential effects of any proposed projects (“undertakings”) on properties listed on, or eligible for listing on, the National Register of Historic Places. Grant recipients are encouraged to initiate Section 106 consultation with relevant State Historic Preservation Offices (SHPOs) or, in the case of institutions located on tribal lands, the proper Tribal Historic Preservation Office (THPO) as directed by NIST. NIST will remain involved in resolution in the event of an adverse effect determination.

A Environmental and Historic Review, to include any required consultations under NEPA and Section 106 of the NHPA, must be completed no later than six months after the award start date; unless a formal request for extension is submitted and approved by the Grants Officer. The Recipient must comply with all conditions placed on the project as the result of the consultation processes. The Recipient may not expend any federal grant funds, except as authorized by the Grants Officer pursuant to approval of the 6-month expenditure plan (discussed below).

The Recipient is required to provide the following information that will enable NIST to make a preliminary determination regarding the potential impact of the proposed project on environmental and historic resources:

1. A thorough description of all proposed project activities, particularly buildings and other capital improvement activities that will be conducted. Include: (i) the area and extent of earthwork (drilling, excavation, fill, blasting, dredging, etc.), (ii) environmental communication, documentation, or permitting (planned, pending, or in place), (iii) any determination upon the project by any department of environment or other agency or office, (iv) floodplain mapping on the site itself or any adjacent or contiguous property, (v) any special interest in the project or the site, (vi) any public meetings planned or held regarding the on the site itself or adjacent or contiguous property, (vii) any threatened or

endangered species or any migratory birds or bald or golden eagles on the site itself or adjacent or contiguous property, or (viii) any essential fish habitat or any portion of the National Wild and Scenic River System or Coastal Barrier System or navigable waters on the site itself or adjacent or contiguous property, (ix) any waters of any stream or other body of water “proposed or authorized, permitted or licensed to be impounded, diverted, or otherwise controlled or modified”, (x) any identified or potential wetland on the site itself or any adjacent or contiguous property, (xi) any hazardous or regulated substances or Superfund activity on the site itself or adjacent or contiguous property, and/or (xii) any invasive species on the site itself or adjacent or contiguous property.

2. Maps of the project area and ground-level and aerial photographs with installation/renovation locations clearly marked on the buildings impacted. Free online resources, such as Google maps or similar images, are acceptable.

3. For the list of buildings, referenced in Item #1, state the year those buildings were first constructed as well as the dates of any subsequent major renovations. For buildings that are 45 years old or older, provide photos of installation sites, as well as exterior and interior photos of the building. Provide any property relevant to this application which is (i) within the viewshed of a registered historic property or (ii) within a historic district or (iii) registered as historic itself or (iv) noted to be historically or architecturally significant in any study or article of public interest. Provide any communication, documentation, or permitting under the project, e.g., determination upon the project by a SHPO and/or THPO.

NOTE: The Recipient must submit a draft Environmental and Historic Review with all initial required project information listed above in Items #1 – #3 to NIST via UGAM@nist.gov no later than 60 calendar days after award start date, unless an extension has been requested in writing by the Recipient and approved by the Grants Officer.

Follow-on information may be required for NIST to determine the level of impacts of the project on environmental and historic resources. If consultation is required, grantees are encouraged to initiate consultation as referenced above and must provide NIST with relevant documentation of the consultation process. Once appropriate and applicable consultations have been completed, and environmental review documentation has been completed, NIST will review all documentation and determine whether the review sufficiently addresses all resource areas and whether the project may qualify for an approval decision.

Once the above information is provided, NIST will review and provide guidance on the next steps that the recipient should take regarding required consultations and/or environmental and historic preservation documentation required to make environmental determinations. Next steps may include, but are not limited to, the submittal and completion of the following:

1. The completion of any required consultations as described above where applicable and directed by NIST, to include consultations with the SHPO and/or THPO and the appropriate federally-recognized Native American tribes (if applicable), under Section 106 of the NHPA, and/or consultations with the USFWS under Section 7 of the ESA;
2. The completion of environmental review and issuance by NIST of a decision document, as described above, that meets the requirements of NEPA; and
3. Compliance with all other applicable federal, state, and local environmental laws and regulations.

The Recipient is required to provide any information requested by NIST in a timely and effective manner to ensure both initial and ongoing compliance with environmental and historic preservation laws, regulations, and best practices. All such information must be sent to the FPO.

The Recipient shall notify NIST within 24 hours upon receipt of any notices of foreclosure; notices for continuing consultation received from the SHPO, THPO or other consulting party; or notices of noncompliance received from consulting authorities or regulatory agencies. These notices shall be sent to the FPO. Projects which, after consultation with appropriate agencies, are determined to be ineligible for a CE will require the development of an EA/FONSI. The Recipient may wish to coordinate with NIST to rescope or descope the proposed project to avoid or minimize impacts to environmental and historic resources.

Any change to the approved project scope, resulting from consultations or for other reasons, that have the potential for altering the nature or extent of environmental or cultural resources impacts must immediately be brought to the attention of NIST and will be re-evaluated for compliance with applicable regulatory requirements.

For all ground disturbing activities in the vicinity of known archaeological sites or suspected or known burials, the Recipient must ensure that an archaeologist who meets the Secretary of the Interior's Professional Qualification Standards monitors ground disturbance, and if any potential archeological resources or buried human remains are discovered, then the Recipient must immediately cease construction in that area and notify NIST and the interested SHPO, THPO, and tribes. Such construction activities may then only continue with the written approval of NIST.

6-Month Expenditure Plan

While this SAC is in effect, the Recipient shall submit, in advance of any program fund drawdowns from ASAP.gov, a 6-month expenditure plan that presents the proposed expenditure of award funds prior to the completion of the environmental review process, including any preliminary procurement activities. The NEPA Coordinator and the Federal

Preservation Officer will review the plan and provide recommendations to the Federal Program Officer and the Grants Officer for final approval to ensure that the proposed activities and expenditures are reasonable and necessary in the context of environmental and historical compliance. Approval of the Grants Officer is required prior to fund drawdowns of the 6-Month Expenditure Plan through ASAP.gov.

The allowable use of funds for preliminary expenditures prior to beginning project implementation includes, but is not limited to, the initiation of activities necessary to meet the project completion requirements as specified in the award including environmental and historic preservation requirements:

1. Required environmental and historic preservation consultation activities;
2. Purchase or lease of equipment, or entering into binding contracts to do so; and
3. Purchase of applicable or conditional insurance.

The allowable use of preliminary expenditure funds is limited; must not result in an irrevocable commitment of resources; and is only allowed after inclusion in and approval of a 6-month expenditure plan.

18. Signage and Public Acknowledgement Requirements:

a. Signs - The Recipient is encouraged to include project signage, satisfactory in form and content to NIST, that identifies the nature of the project and indicates that “the project is funded by the Consolidated Appropriations Act, 2022.” In addition, guidelines for project signage, including an emblem and corresponding logomark, is available in the Official Investing in America Emblem Style Guide: <https://www.whitehouse.gov/wp-content/uploads/2023/02/Investing-in-America-Brand-Guide.pdf>. Costs associated with signage must be reasonable and limited. The Recipient is encouraged to use recycled or recovered materials when procuring signs. Signs should not be produced or displayed if doing so results in unreasonable cost, expense, or recipient burden. Any construction site sign should be displayed throughout the construction phase of the project in an easily visible location directly linked to the work taking place. The Recipient is responsible to maintain the sign in good condition throughout the construction period.

b. Plaque - Any plaque installed at the discretion of the Recipient, citing the origins or history of the project, should identify the project as a “project funded by Consolidated Appropriations Act, 2022.”

c. Communications - Any banner or other message intended for public display on the project site should remain within the spirit of transparency and public information provided herein.

19. Final Site Selection:

NIST Financial Assistance Award Number: 60NANB23D159

Amendment: NEW

Recipient: Burlington School District

Within 60 calendar days of the award start date, the Recipient must provide to the Federal Program Officer and Grants Specialist identified in this award, a final site selection for the Burlington Aviation Technology Center Facility. The site selection must be approved by NIST prior to advertisement of construction. All grant funding will be withheld until this Specific Award Condition is deemed satisfied in writing by the NIST Grants Officer.

End of Specific Award Conditions

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
2. Land, structures, rights-of-way, appraisals, etc.	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
3. Relocation expenses and payments	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
4. Architectural and engineering fees	\$ <input type="text" value="947,427.00"/>	\$ <input type="text" value="547,427.00"/>	\$ <input type="text" value="400,000.00"/>
5. Other architectural and engineering fees	\$ <input type="text" value="50,000.00"/>	\$ <input type="text"/>	\$ <input type="text" value="50,000.00"/>
6. Project inspection fees	\$ <input type="text" value="600,000.00"/>	\$ <input type="text"/>	\$ <input type="text" value="600,000.00"/>
7. Site work	\$ <input type="text" value="7,050,000.00"/>	\$ <input type="text"/>	\$ <input type="text" value="7,050,000.00"/>
8. Demolition and removal	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
9. Construction	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
10. Equipment	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
11. Miscellaneous	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
12. SUBTOTAL (sum of lines 1-11)	\$ <input type="text" value="8,647,427.00"/>	\$ <input type="text" value="547,427.00"/>	\$ <input type="text" value="8,100,000.00"/>
13. Contingencies	\$ <input type="text" value="1,800,000.00"/>	\$ <input type="text"/>	\$ <input type="text" value="1,800,000.00"/>
14. SUBTOTAL	\$ <input type="text" value="10,447,427.00"/>	\$ <input type="text" value="547,427.00"/>	\$ <input type="text" value="9,900,000.00"/>
15. Project (program) income	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ <input type="text" value="10,447,427.00"/>	\$ <input type="text" value="547,427.00"/>	\$ <input type="text" value="9,900,000.00"/>
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.			Enter eligible costs from line 16c Multiply X <input type="text" value="100"/> % \$ <input type="text" value="9,900,000.00"/>



Kelley Bros of New England, LLC
131 S. Main St, Suite 15
Barre, VT 05641
Phone: 802-461-7849

CUSTOMER PROPOSAL

Project Number: 19-2512800-0

Proposal Date: 9/16/2025

Re-Print Date: 9/24/2025

JOB NAME: Aviation Tech Center - Video Intercom System

Chris Koledo,

Acct#: DEWCONS

Sold To: Dew Construction

**277 Blair Park Rd., Ste 130
Williston, VT 05495
Tel: 802-872-0505
Fax:**

Attn:

Ship To: Dew Construction

**277 Blair Park Rd., Ste 130
Williston, VT 05495
Tel: 802-872-0505
Cell:**

<u>Qty</u>	<u>Manuf</u>	<u>Mfr Part# / Description</u>	<u>Unit Price</u>	<u>Extended</u>
4		IXG-2C7 ~ Video Answering Station~	\$671.38	\$2,685.52
1		IXG-DM7-HID ~ Main Entrance Video Station~	\$2,181.77	\$2,181.77
1		SBX-IXGDM7 ~ Surface Mount Box~	\$237.13	\$237.13
1		IXW-MAA-SOFT-10 ~ Multi Purpose PC Interface with 10 Licenses~	\$12,430.65	\$12,430.65
1		IXGW-TGW ~ Cloud Gateway Adapter~	\$1,475.10	\$1,475.10
1		IPW-POE8 ~ 8 Port Gigabit PoE Switch ~	\$255.85	\$255.85

Note: None of the video intercom components are BABA compliant for sourcing/manufacturing. We are unable at this time to procure and offer a BABA compliant system that meets the design intent and specified hardware.

Customer PO#:

Customer Acceptance: _____ Date: _____

Printed Name: _____

Given building material cost inflation, this quote is good for 30 days. Any material released for order after this time will be subject to re-quote.

Quoted price is subject to change based on the implementation of tariffs. No language in a contract award shall prohibit Kelley Bros from passing along supplier price increases related to tariffs.

NET 30 subject to credit approval

Orders may be subject to \$25.00 minimum.

Freight is PrePay and Add unless otherwise specified in writing.

Credit Card orders will be charged PRIOR to delivery and receipt will be provided upon request. Credit cards used 30 days after sale date subject to a 3% fee.

Returns must be requested through issuing office and are subject to restocking fees.

Due to recent US Supreme Court ruling, we may have to charge sales tax if required by law unless the project is specifically tax exempt.

IXGW-TGW

AiphoneCloud Gateway with SIM Card

The IXGW-TGW is a mobile app and cellular gateway that provides access to AiphoneCloud Remote Management. Up to 99 gateways are allowed per system. The adaptor allows calls to reach cloud-based mobile apps and phone numbers, giving users the ability to speak to visitors remotely and release the door.

Once activated, the included SIM card provides an LTE connection. The LTE connection allows for a single phone number to be called per tenant, and can be used as the primary network connection, or as a backup failsafe.

The IXG mobile app is compatible with iOS® and Android® mobile devices. Up to eight apps can be registered per tenant station.



- **PoE (IEEE 802.3af class 0)**
- **DIN rail mountable**
- **Eight simultaneous calls per adaptor**
- **Supports up to 9,999 IXG mobile apps**
- **Optional 4G LTE data connection**
- **Allows telephone calls from door and entrance stations**

Power Source PoE

Power Draw 2.8W standby, 5.8W max

LAN Ethernet (10BASE-T, 100BASE-TX)

Wireless Network LTE, WCDMA

SIM Card AT&T™ nano SIM

Packet Delivery Unicast, Multicast

Protocols IPv4/v6, TCP, UDP, SIP, HTTPS, RTP, RTCP, SRTP, SRTCP, IGMP, MLD, SFTP, DHCP, NTP, DNS, MQTT, ICE, DTLS, SDP

Channel Intercom: 8 Phone: 1

Encryption TLS 1.2

Operating Temp 14°~122°F (-10°~50°C)

Dimensions 4-1/4" H x 8-1/4" W x 2-3/8" D
5-9/16" Antenna Length



IX | IXG SERIES

IP VIDEO INTERCOM

UNCOMPROMISED SECURITY

IX|IXG SERIES
QR CODE
VISITOR ACCESS PASS





IX|IXG SERIES

IP VIDEO INTERCOM

Transform communication and security with the **IX|IXG Series**, the most powerful and customizable IP video intercom solution on the market. Designed to cover commercial, multi-tenant, and mixed-use environments, the solution offers a wide range of door stations, answering stations, and emergency options to meet the needs of any property. The IX|IXG app provides a frictionless experience for users and visitors to see, speak, and unlock doors.

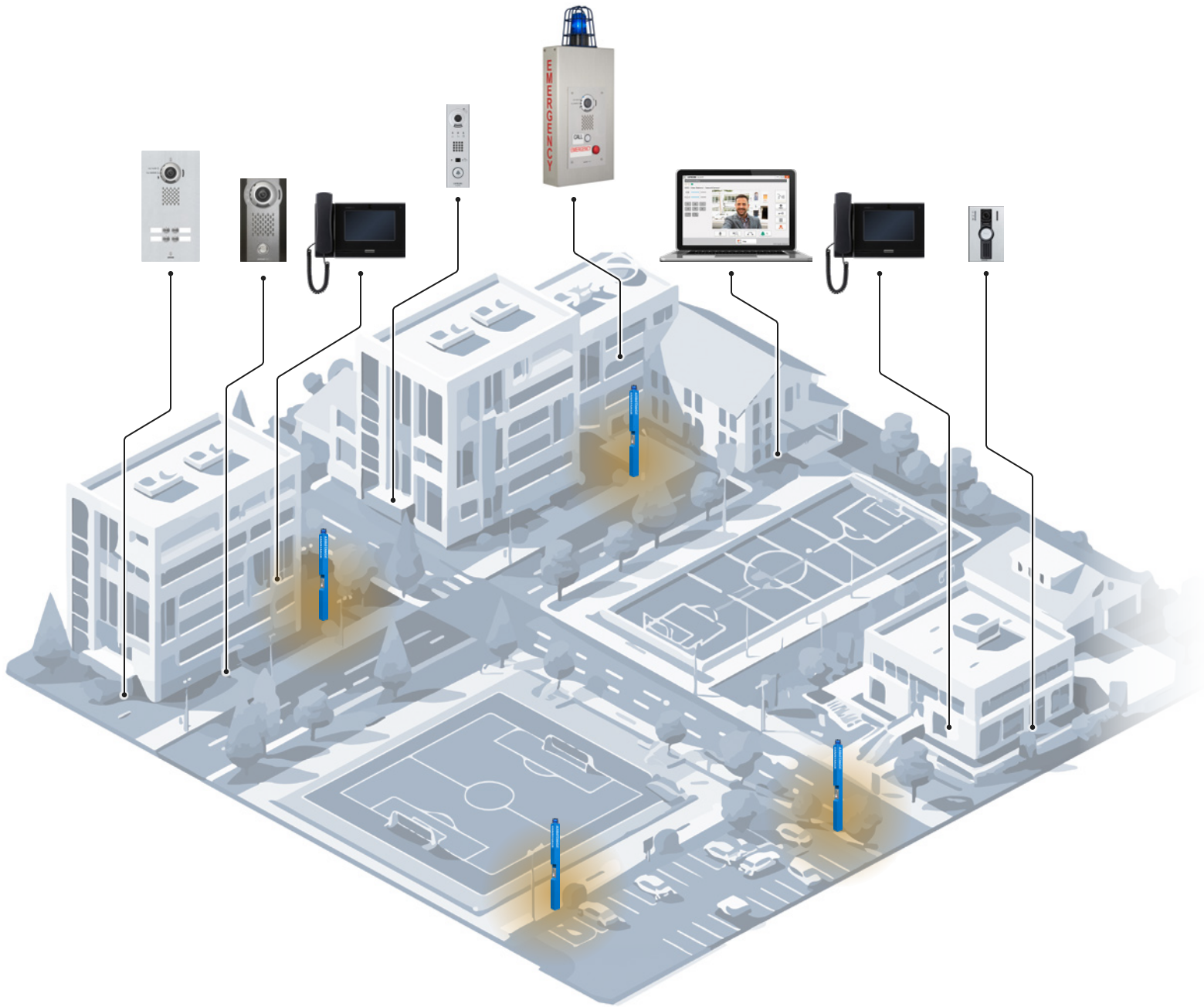
Elevate your access control to an enterprise level by integrating the IX|IXG with the **AC Series**. The AC Series allows for centralized management of entries, streamlined credentialing, and access control to every door.



IX | IXG SERIES

CREATING A COMPREHENSIVE
SECURITY ECOSYSTEM

Engineered with purpose, and leveraging industry standards like SIP and ONVIF,[®] the IX | IXG seamlessly integrates with all layers of security infrastructure, including IP cameras and VMS solutions.





VIDEO ANSWERING STATION

Supports two-way communication, call transfer, and recording.



VIDEO DOOR STATION

Streamlines visitor access with video identification and touchless calling in a mullion-mount style chassis.



MOBILE APP

Empowers tenants with the convenience to see and speak with visitors using their mobile devices.



PC ANSWERING STATION SOFTWARE

Centralizes visitor management and monitoring on laptop or desktop computers.



VIDEO TENANT STATION

Allows tenants inside their building to screen visitors before unlocking the entrance.



COMPACT EMERGENCY WALL BOX

Provides tenants with emergency communication in parking garages, stairwells, and other confined areas.



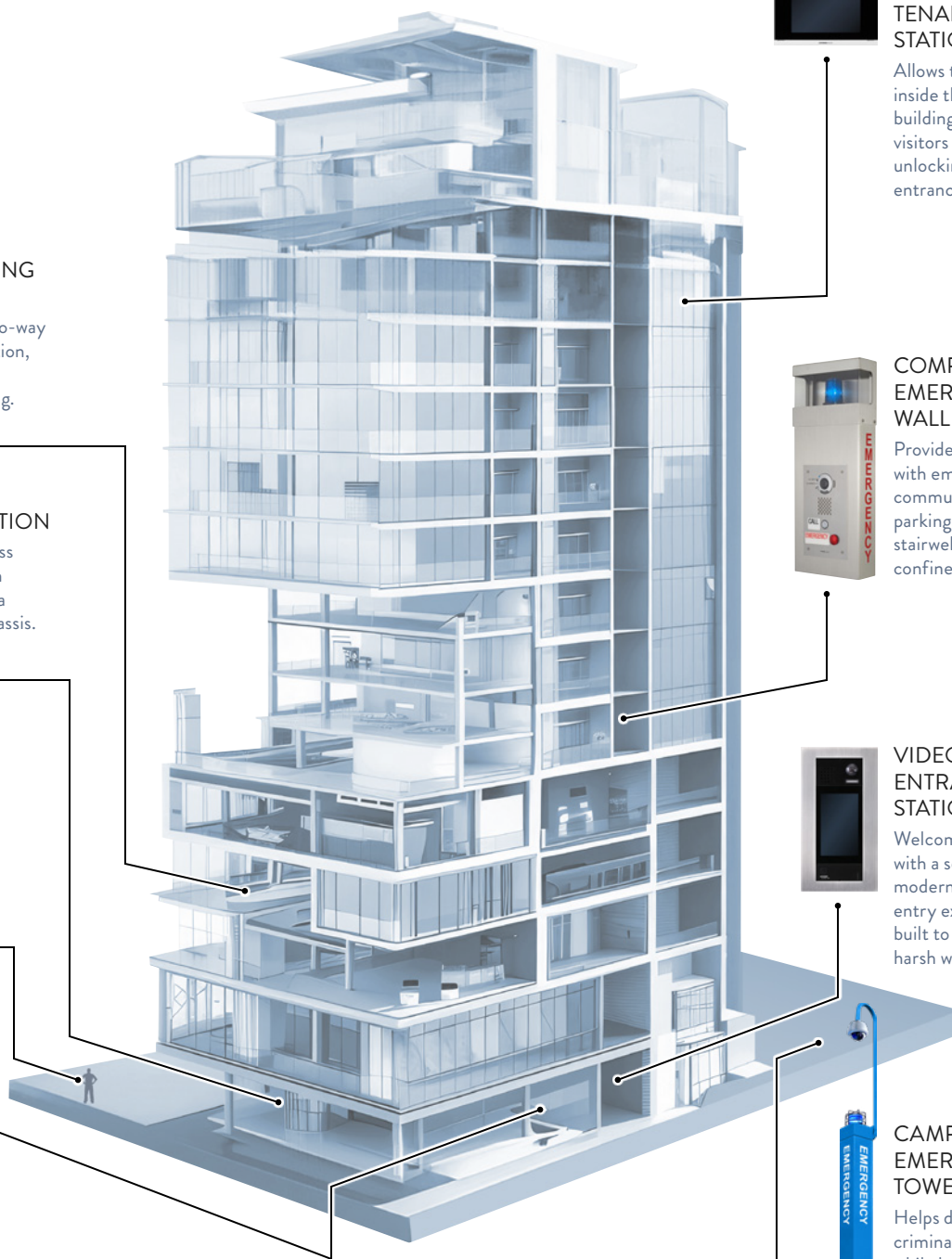
VIDEO ENTRANCE STATION

Welcomes visitors with a secure, modern video entry experience, built to withstand harsh weather.



CAMPUS EMERGENCY TOWER

Helps deter criminal intent while being an immediate means to call for help in an emergency.



DOOR STATIONS

Secure your premises with the IX|IXG Series, built to the highest standards for integration and reliability.

DURABLE DESIGN, WEATHERPROOF PERFORMANCE

Built to withstand the harshest conditions, the IX|IXG series features IP65 and IK08 certified durability, providing robust protection against weather and vandalism. This ensures reliable performance in any environment. With a variety of mounting options, these devices seamlessly blend into your building's aesthetic.

SEAMLESS INTEGRATION FOR THE ULTIMATE PROTECTION

Our intercoms are SIP and ONVIF® compliant, allowing seamless integration with leading providers of IP cameras, video management systems, and access controls. This open architecture empowers you to build a customized security ecosystem that evolves alongside your needs.



IXG-DM7-HIDA
IP Video Door Station
with HID® Card Reader

13-11/16" H x 7-3/16" W

- Customizable 7" touchscreen
- Flexible tenant directory
- QR code access
- Built-in HID® reader
- Tamper sensor
- IK08, IP65
- Flush mount or surface mount with SBX-IXGDM7



IX-DV
IP Video Door Station

8-1/16" H x 4-1/2" W

- HD camera
- PoE passthrough
- 2 contact outputs, 6 inputs
- IK08, IP54
- Surface mount



IX-DVF-L



IX-DVF-HW



IX-DVF-PR



IX-EA

IP Video Door Station

6-5/16" H x 3-15/16" W

- HD camera
- Compact and lightweight design
- 1 contact output, 1 input
- IP54
- Surface mount



IX-DVM

Mullion-Mount IP Video Door Station

1-7/8" W x 6-7/8" H x 1-5/16" D

- WDR HD camera
- Optional touchless calling
- 1 contact output, 1 input
- IK07, IP54
- Mullion surface mount

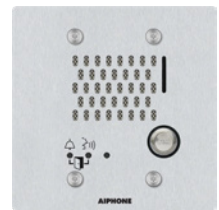


IX-DVF

IP Video Door Station

10-7/16" H x 5-7/8" W

- HD Camera
- PoE passthrough
- Flush mount
- 2 contact outputs, 6 inputs
- IK08, IP65
- Flush mount or surface mount with SBX-IXDVF



IX-SS-2G

IP Audio Door Station

4-3/4" H x 4-3/4" W

- 1 contact output, 1 input
- IK08, IP65
- Flush mount with 2-gang back box or surface mount with SBX-2G/A



IX-DVF-10KP



IX-DVF-4A



IX-DVF-6



IX-NVP



IX-NVP2

ANSWERING STATIONS

With the IX|IXG Series, you have the flexibility to communicate and unlock doors using answering stations, VoIP phones, mobile apps, and PCs.

INTUITIVE EXPERIENCE

The home screen offers quick access to essential functions like monitoring, call history, favorites, status, settings, and paging.

CALL TRANSFERS

Its versatile call transfer options include transferring active calls, automatic forwarding when absent, transferring unanswered calls after a set time, and convenient scheduling options.

MONITORING AND RECORDING

The answering station monitors and records video from connected door stations and network cameras.

DOOR RELEASE

Tie directly to electric locks or integration with access control solutions to enable remote unlocking of doors from the answering station.

IXGW-TGW CLOUD GATEWAY

Our Cloud Gateway allows you to answer video intercom calls and remotely unlock doors using your mobile device, either through the IXG mobile app or a regular phone call. It provides a reliable LTE connection via a SIM card for seamless communication, even if your primary network is down.



IX-MV7-HB IX-MV7-HW-JP

Touchscreen Answering Stations with Handset

8-1/16" H x 11" W x 2-3/16" D

- 7" touchscreen
- 8 customizable speed dial buttons
- 2 contact outputs, 4 trigger inputs
- Audio and video recording capability
- Wall or desk mount



IXG MOBILE APP

- Video calling and answering
- Remote door release
- Intuitive user interface
- Generate temporary QR code access



ACCESSORIES



IX-MV7-B IX-MV7-W

Touchscreen Answering Stations

6-3/4" H x 8-11/16" W x 1-1/4" D

- 7" touchscreen
- 8 customizable speed dial buttons
- 2 contact outputs, 4 trigger inputs
- Audio and video recording capability
- Wall or desk mount



IX-SOFT

PC Answering Station Software



IXW-MAA-SOFT

Multi-Purpose Adaptor with PC Answering Station Software

- Complete answering station features
- 50 highly customizable speed dial buttons
- Record custom message pages
- Interactive map
- Line supervision and device check



IXGW-TGW

Cloud Gateway

- PoE
- 8 simultaneous calls per adaptor
- Supports up to 9,999 mobile apps
- Available 4G LTE data connection
- Allows telephone calls from door and entrance stations
- Provides access to AiphoneCloud Remote Management



IXW-MAA

Multi-Purpose Relay Adaptor

- 802.3af PoE
- Ten Form C relay outputs
- Four contact inputs
- 24V AC/DC 500mA relay contact rating
- Mountable to a 170mm DIN rail or directly to a wall



IPW-1VC

Two-Wire Network Adaptor Kit

- Provides PoE with included power supply
- Up to 1,000' on 22AWG wire
- Call up to 5 answering stations up to 500'
- Call up to 3 answering stations up to 1000'



IX-MB



SBX-IXDV30



SBX-IDVF



SBX-IDVFRA



SBX-IXGDM7



SBX-2G/A

EMERGENCY PRODUCTS

We provide a unified security communication platform, offering ADA compliant emergency call stations, towers, and wall boxes.

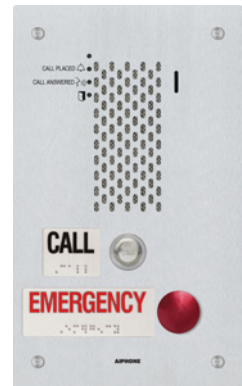


IX-DVF-2RA

IP Video Emergency Call Station

11-11/16" H x 7" W

- HD camera
- ADA compliant raised lettering and braille signage
- Buttons for standard and emergency calls
- PoE passthrough
- 2 contact outputs, 6 trigger inputs
- IK08, IP65



IX-SSA-2RA

IP Audio Emergency Call Station

11-11/16" H x 7" W

- ADA compliant raised lettering and braille signage
- Buttons for standard and emergency calls
- PoE passthrough
- 2 contact outputs, 6 trigger inputs
- IK08, IP65



IX-DVF-RA



IX-SSA-RA

French versions available:
IX-DVF-2RA-FR,
IX-DVF-RA-FR,
IX-SSA-2RA-FR,
IX-SSA-RA-FR



TW-SA TW-SE

Short Tower

73" H x 8" W x 8" D



TW-TA TW-TE

Tower

112" H x 8" W x 8" D



TW-TA-ARM TW-TE-ARM

Tower with Camera Arm

174" H x 8" W x 15-3/4" D

TW-TA-SP TW-TE-SP

Tower with Speaker

TW-TA-ARM-SP TW-TE-ARM-SP

Tower with Camera Arm and Speaker

- Durable, lightweight aluminum makes installation easy
- UL-514-A listed electrical box included at the base
- ADA compliant intercom mounting height
- Beacon is always lit and strobes during emergency call-in
- LED for station illumination in station over-hang
- Camera arm has universal pipe threading



WB-HA WB-HE

Compact Wall Box

27" H x 10-13/16" W x 4" D

- 12-gauge stainless steel
- ADA compliant 4" depth
- UL Listed electrical box allows power to be installed internally



WB-CA

WB-CE

TWS-Z4
Sets also
available for
zones 1 and 2

TECHNOLOGY PARTNERS



CHOSEN BY THOUSANDS OF ORGANIZATIONS



UNCOMPROMISED SECURITY
POWERED BY HUMAN CONNECTION

 **AIPHONE**.com

info@aiphone.com for sales inquiries

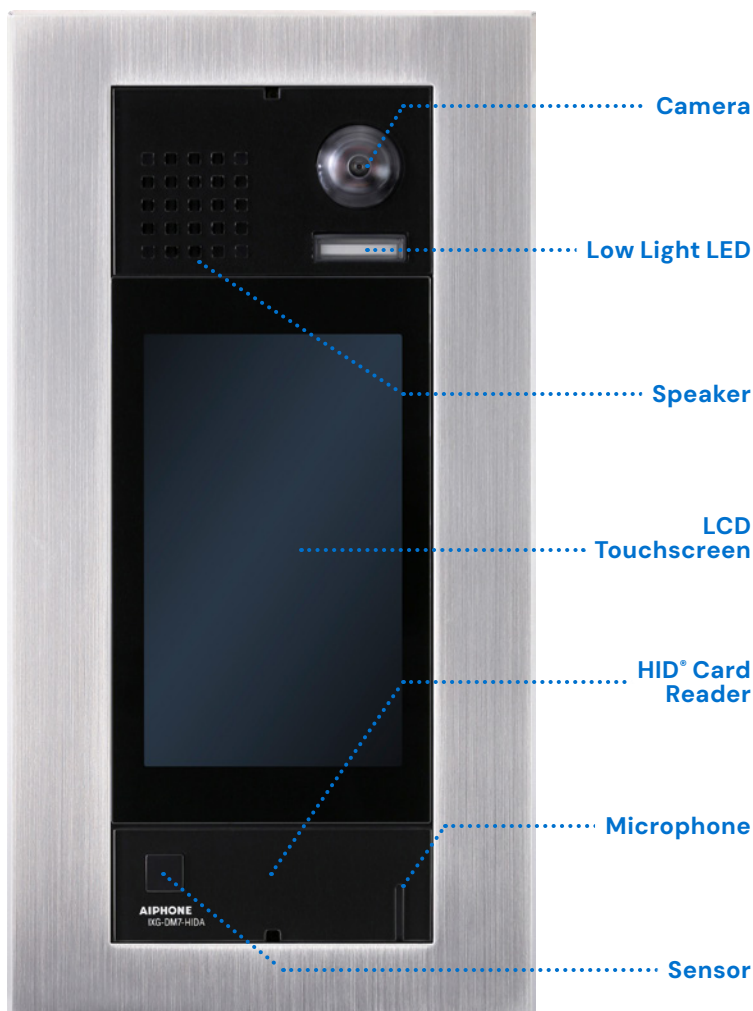
IXG-DM7-HIDA

IP Video Entrance Station

The IXG-DM7-HIDA is an IP video entrance station for the IX|IXG Series multi-tenant system. It is equipped with a 7" LCD directory screen that can be used to call a tenant or enter an access code.

Up to 9,999 names/numbers can be stored in the station. A motion sensor will activate the screen when the visitor approaches. Once a call is placed, the visitor will be displayed on the tenant station or app using the 720p HD camera.

The station is equipped with an HID® card reader for card access. It supports Prox or iCLASS® 26 bit cards. Up to 10 entrance stations can be assigned per unit and multiple units can be supported by one system.



- **7" touchscreen**
- **PoE compliant**
- **On-board recording with microSD™ card**
- **Simple user interface**
- **Hands-free communication**
- **720p HD camera**
- **Up to 9,999 names/numbers can be stored**
- **Programmable contact inputs and outputs**
- **Motion sensor to activate LCD**
- **Built-in HID® reader for card access, supports 26-bit Wiegand formats only**
- **Stainless steel panel**
- **Rugged IP65 and IK08 ratings**

Power Source	PoE (IEEE 802.3af Class 0)	Material	Stainless steel
Power Draw	4.2W standby, 12.7W max	Door Release	Two programmable Form C dry contacts, 24V AC/DC Relay 1: 3A Relay 2: 500mA
Video Display	7" TFT LCD touchscreen (800x400 resolution)	Mounting	Flush mount with IXG-DM7-BOX or surface mount with SBX-IXGDM7
Communication	Hands-free (full-duplex)	Wire Type	Cat-5e or Cat-6
Camera	720p HD	Distance	Entrance Station, Tenant Station, or Guard Station to Network Node: 330'
Audio Codec	G.711 (μ-law, A-law)	Dimensions	13-11/16" H x 7-3/16" W
Video Codec	H.264		
Protocols	IPv4/v6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP/RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS, TLS		
Operating Temp	-22° ~ 140°F (-30° ~ 60°C)		
HID® Reader	High Frequency (13.56MHz): iCLASS, SEOS, iCLASS SR, iCLASS SE, MIFARE Classic, MIFARE DES Fire EV1 Low Frequency (125kHz): HID® Proximity Bluetooth Interface (2.44GHz): mobile phone with compatible bluetooth		



DESCRIPTION

The IXG-2C7 is an IP video tenant station with a 7" LCD touchscreen for the IXG Series multi-tenant system. Each tenant can have up to 8 IXG-2C7. The IXG-2C7 station can answer calls from an entry station, guard station, or individual door station. Once the call is answered communication is hands-free (VOX). Touching the key button will activate the door release associated with the connected entry station or door station. The IXG-2C7 can selectively communicate with other IXG-2C7's in the same tenant or collectively call associated mobile apps. The IXG-2C7 can request an elevator to come to its floor. The IXG-2C7 will maintain a history of calls that it has received. The history capacity can be expanded by adding a microSD card.

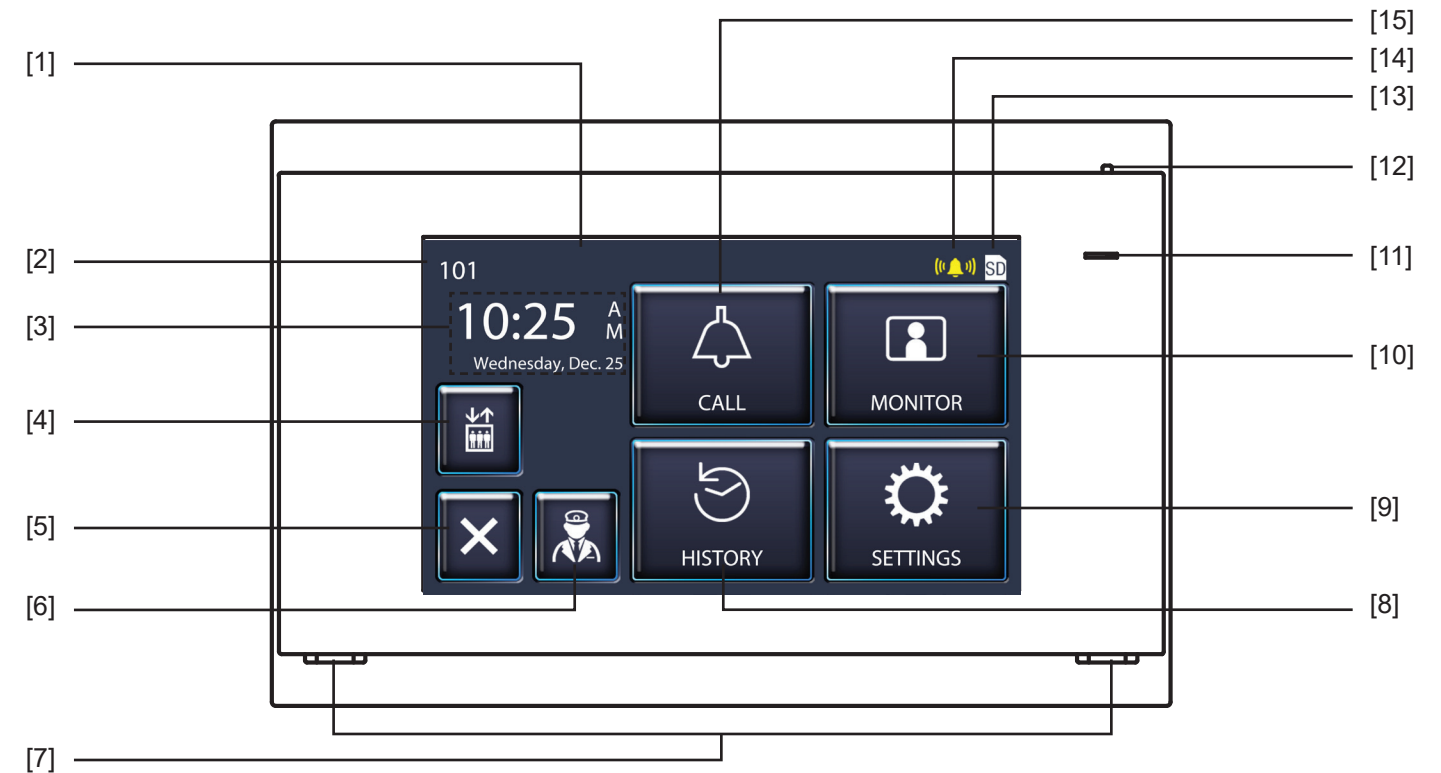
FEATURES

- 802.3af PoE
- 7" touchscreen
- Hands-free audio communication
- microSD™ card slot for added memory
- Place calls to other stations within tenant
- Call concierge/guard
- Call elevator to floor
- Monitor door stations

IXG-2C7

IP Video Tenant Station

FEATURE CALL-OUT

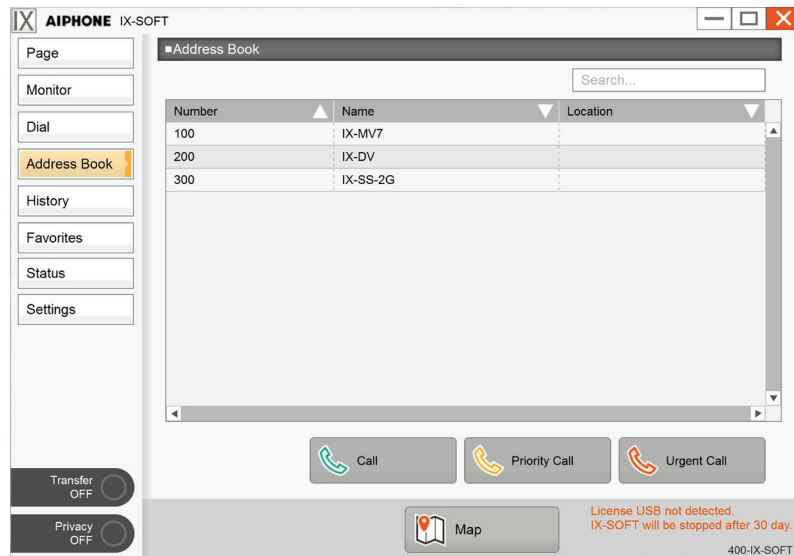


FEATURE CALL-OUT DEFINITIONS

- [1] LCD Touchscreen
- [2] Unit Number
- [3] Date & Time
- [4] Elevator Call Button
- [5] Off Button
- [6] Guard Call Button
- [7] Speaker
- [8] History Button
- [9] Settings Button
- [10] Monitor Button
- [11] Status Indicator (Blue)
- [12] Microphone
- [13] SD Card Inserted Icon
- [14] Incoming Call Icon
- [15] Call Button

SPECIFICATIONS

- Power Source:** PoE (IEEE 802.3af class 0)
- Consumption:** Standby 1.9W, Max 5.9W
- Screen:** 7" LCD TFT Touchscreen
- Monitor resolution:** 800 x 400
- Communication:** Full-duplex
- Audio Codec:** G.711(μ-law, A-law)
- Video Codec:** H.264, MJPEG
- Protocol:** IPv4/v6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP/RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS, TLS
- Encryption:** TLS 1.0, 1.1, 1.2
- Operating Temp:** 32° ~ 104°F (0° ~ 40°C)
- Dimensions:** 5-13/16" H x 8-15/16" W x 1" D



DESCRIPTION

IX-SOFT is a software master station for the IX Series. Use IX-SOFT to call and communicate with IX Series stations across a network. Software master station features include monitoring, paging, and door release. Check device functionality and network status of each station using the Line Supervision menu. Use the interactive map to quickly interact with door and master stations by selecting them individually or by dragging to select a group. IX-SOFT requires a single, transferable lifetime license per PC, with optional bundles available with 3, 5, or 10 IX-SOFT.

FEATURES

- Place and receive calls and pages
- Monitor door stations
- 50 programmable speed-dial buttons
- Call history
- Call transfer
- Interactive map
- Line Supervision

SPECIFICATIONS

Video Codec:	H.264/AVC, Motion-JPEG
Audio Codec:	G.711 (μ-law, A-law), G.722
Protocol:	IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS
Encryption:	TLS 1.2 (CRAM-MD5 for email)
Packet Delivery:	Unicast or Multicast
Station Capacity:	499 stations max. (9,998 max. in expanded mode)
Video Streaming:	ONVIF® Profile S

SYSTEM REQUIREMENTS

Operating System	Windows® 7 Professional, Windows® 7 Enterprise, Windows® 7 Ultimate Windows® 8.1, Windows® 8.1 Pro, Windows® 8.1 Enterprise Windows® 10 Home, Windows® 10 Pro, Windows® 10 Enterprise, Windows® 10 Education
CPU	32 bit (x86) processor or 64 bit (x64) processor, 2 GHz or higher (Windows® 7 is 64 bit only)
Memory	1GB or higher
Screen Resolution	1024 x 768 or greater
Runtime	.NET Framework 4.6.2 or later (Windows® 7 requires SP1) Microsoft Visual C ++ Redistributable Package for Visual Studio 2017 or later