



**AUTHORIZED FEDERAL ACQUISITION SERVICE  
 INFORMATION TECHNOLOGY SCHEDULE PRICELIST  
 GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY  
 EQUIPMENT, SOFTWARE AND SERVICES**

Note: Contractor has been awarded under the cooperative purchasing program. All awarded SINs are available to state and local government entities.

Special Item No. 132-8 Purchase of Equipment

Special Item No. 132-12 Maintenance of Equipment, Repair Service, and Repair Parts/Spare Parts

**SIN 132-8 PURCHASE OF EQUIPMENT**

FSC Class 7010 – SYSTEM CONFIGURATION

Laptop/Portable/Notebook Computers

Optical and Imaging Systems

Other Systems Configuration Equipment, Not Elsewhere Classified

FSC CLASS 7025 - INPUT/OUTPUT AND STORAGE DEVICES

Other Communications Equipment

Other Input/Output and Storage Devices, Not Elsewhere Classified

**SIN 132-12 MAINTENANCE OF EQUIPMENT, REPAIR SERVICE, AND REPAIR PARTS/SPARE PARTS (FPDS Code J070 - Maintenance and Repair Service) (Repair Parts/Spare Parts - See FSC Class for basic equipment)**

Maintenance

P&L E-Communications, LLC  
 1900 Ridge Road E., West Entrance, Rochester, NY 14622  
 Phone (585) 340-5435  
<http://www.plegov.com>

Contract Number: \_\_\_\_\_

Period Covered by Contract: \_\_\_\_\_

General Services Administration  
 Federal Acquisition Service

Pricelist current through Modification #\_\_\_\_\_, dated \_\_\_\_\_.

Products and ordering information in this Authorized FAS Information Technology Schedule Pricelist are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing the Federal Acquisition Service’s Home Page via the Internet at <http://www.FAS.gsa.gov/>.

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**INFORMATION FOR ORDERING ACTIVITIES APPLICABLE TO ALL SPECIAL ITEM NUMBERS****INFORMATION FOR ORDERING ACTIVITIES  
APPLICABLE TO ALL SPECIAL ITEM NUMBERS****SPECIAL NOTICE TO AGENCIES: Small Business Participation**

SBA strongly supports the participation of small business concerns in the Federal Supply Schedules Program. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!™ on-line shopping service ([www.FAS.gsa.gov](http://www.FAS.gsa.gov)). The catalogs/pricelists, GSA Advantage!™ and the Federal Acquisition Service Home Page ([www.FAS.gsa.gov](http://www.FAS.gsa.gov)) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

**1. GEOGRAPHIC SCOPE OF CONTRACT:**

*Domestic delivery* is delivery within the 48 contiguous states, and the District of Columbia.

*Overseas delivery* is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

**2. CONTRACTOR'S ORDERING ADDRESS:**

P&L E-Communications, LLC  
Attn: SALES  
1900 Ridge Road E., West Entrance  
Rochester, NY 14622

**CONTRACTOR'S PAYMENT ADDRESS:**

P&L E-Communications, LLC  
Attn: ACCT DEPT  
1900 Ridge Road E., West Entrance  
Rochester, NY 14622

Contractors are required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will be acceptable for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

The following telephone number(s) can be used by ordering activities to obtain technical and/or ordering assistance: **(585) 340-5435**.

**3. LIABILITY FOR INJURY OR DAMAGE**

The Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

**4. STATICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279:**

Block 9: G. Order/Modification Under Federal Schedule

Block 16: Data Universal Numbering System (DUNS) Number: 15-805-9712

Block 30: Type of Contractor - **B. Other Small Business**

- A. Small Disadvantaged Business
- B. Other Small Business
- C. Large Business
- G. Other Nonprofit Organization
- L. Foreign Contractor

Block 31: Woman-Owned Small Business **YES**

Block 36: Contractor's Taxpayer Identification Number (TIN): 16 1564446

4a. CAGE Code: 1R1W7

4b. Contractor **HAS** registered with the Central Contractor Registration Database.

**5. FOB DESTINATION**

**6. DELIVERY SCHEDULE**

6a. TIME OF DELIVERY: The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
132-8	As Negotiated

6b. URGENT REQUIREMENTS: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

**7. DISCOUNTS:** Prices shown are NET Prices; Basic Discounts have been deducted.

- a. Prompt Payment: 0% - 30 days from receipt of invoice or date of acceptance, whichever is later.
- b. Quantity: As Negotiated.
- c. Dollar Volume: As Negotiated.
- d. Government Educational Institutions: Same as Schedule Pricing.
- e. Other: None.

**8. TRADE AGREEMENTS ACT OF 1979, as amended:**

All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

**9. STATEMENT CONCERNING AVAILABILITY OF EXPORT PACKING:**

**10. Small Requirements:** The minimum dollar value of orders to be issued is \$100.

**11. MAXIMUM ORDER (All dollar amounts are exclusive of any discount for prompt payment.)**

11a. The Maximum Order value for Special Item Number 132-8 Purchase of Equipment is \$500,000:

Note: Maximum Orders do not apply to Special Item Numbers 132-12 Maintenance and Repair Service (except for Repair Parts/Spare Parts).

**12. USE OF FEDERAL SUPPLY SERVICE INFORMATION TECHNOLOGY SCHEDULE CONTRACTS. In accordance with FAR 8.404:**

Orders placed pursuant to a Multiple Award Schedule (MAS), using the procedures in FAR 8.404, are considered to be issued pursuant to full and open competition. Therefore, when placing orders under Federal Supply Schedules,

ordering activities need not seek further competition, synopsise the requirement, make a separate determination of fair and reasonable pricing, or consider small business set-asides in accordance with subpart 19.5. GSA has already determined the prices of items under schedule contracts to be fair and reasonable. By placing an order against a schedule using the procedures outlined below, the ordering activity has concluded that the order represents the best value and results in the lowest overall cost alternative (considering price, special features, administrative costs, etc.) to meet the ordering activity's needs.

- 12a. Orders placed at or below the micro-purchase threshold. Ordering activities can place orders at or below the micro-purchase threshold with any Federal Supply Schedule Contractor.
- 12b. Orders exceeding the micro-purchase threshold but not exceeding the maximum order threshold. Orders should be placed with the Schedule Contractor that can provide the supply or service that represents the best value. Before placing an order, ordering activities should consider reasonably available information about the supply or service offered under MAS contracts by using the "GSA Advantage!" on-line shopping service, or by reviewing the catalogs/pricelists of at least three Schedule Contractors and selecting the delivery and other options available under the schedule that meets the ordering activity's needs. In selecting the supply or service representing the best value, the ordering activity may consider--
- (1) Special features of the supply or service that are required in effective program performance and that are not provided by a comparable supply or service;
  - (2) Trade-in considerations;
  - (3) Probable life of the item selected as compared with that of a comparable item;
  - (4) Warranty considerations;
  - (5) Maintenance availability;
  - (6) Past performance; and
  - (7) Environmental and energy efficiency considerations.
- 12c. Orders exceeding the maximum order threshold. Each schedule contract has an established maximum order threshold. This threshold represents the point where it is advantageous for the ordering activity to seek a price reduction. In addition to following the procedures in paragraph b, above, and before placing an order that exceeds the maximum order threshold, ordering activities shall—

Review additional Schedule Contractors'

- (1) catalogs/pricelists or use the "GSA Advantage!" on-line shopping service;
- (2) Based upon the initial evaluation, generally seek price reductions from the Schedule Contractor(s) appearing to provide the best value (considering price and other factors); and
- (3) After price reductions have been sought, place the order with the Schedule Contractor that provides the best value and results in the lowest overall cost alternative. If further price reductions are not offered, an order may still be placed, if the ordering activity determines that it is appropriate.

NOTE: For orders exceeding the maximum order threshold, the Contractor may:

- (1) Offer a new lower price for this requirement (the Price Reductions clause is not applicable to orders placed over the maximum order in FAR 52.216-19 Order Limitations);
- (2) Offer the lowest price available under the contract; or
- (3) Decline the order (orders must be returned in accordance with FAR 52.216-19).

- 12d. Blanket purchase agreements (BPAs). The establishment of Federal Supply Schedule BPAs is permitted when following the ordering procedures in FAR 8.404. All schedule contracts contain BPA provisions. BPAs should address the frequency of ordering and invoicing, discounts, and delivery locations and times.
- 12e. Price reductions. In addition to the circumstances outlined in paragraph c, above, there may be instances when ordering activities will find it advantageous to request a price reduction. For example, when the ordering activity finds a schedule supply or service elsewhere at a lower price or when a BPA is being established to fill recurring requirements, requesting a price reduction could be advantageous. The potential volume of orders under these agreements, regardless of the size of the individual order, may offer the ordering activity the opportunity to secure greater discounts. Schedule Contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order.
- 12f. Small business. For orders exceeding the micro-purchase threshold, ordering activities should give preference to the items of small business concerns when two or more items at the same delivered price will satisfy the requirement.
- 12g. Documentation. Orders should be documented, at a minimum, by identifying the Contractor the item was purchased from, the item purchased, and the amount paid. If an ordering activity requirement, in excess of the micro-purchase threshold, is defined so as to require a particular brand name, product, or feature of a product peculiar to one manufacturer, thereby precluding consideration of a product manufactured by another company, the ordering activity shall include an explanation in the file as to why the particular brand name, product, or feature is essential to satisfy the ordering activity's needs.

### **13. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS**

**REQUIREMENTS:** Ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

#### **13.1 FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS PUBS):**

Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

**13.2 FEDERAL TELECOMMUNICATION STANDARDS (FED-STDS):** Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Acquisition Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

**14. SECURITY REQUIREMENTS:** In the event security requirements are necessary, the ordering activities may incorporate, in their delivery orders, a security clause in accordance with current laws, regulations, and individual ordering activity policy; however, the burden of administering the security requirements shall be with the ordering activity. If any costs are incurred as a result of the inclusion of security requirements, such costs will not exceed ten percent (10%) or \$100,000, of the total dollar value of the order, whichever is less.

**15. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES:** Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See C.1.)

**16. GSA ADVANTAGE!**

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

- (1) Manufacturer;
- (2) Manufacturer's Part Number; and
- (3) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is <http://www.FAS.gsa.gov/>.

**17. PURCHASE OF OPEN MARKET ITEMS**

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated as open market purchases. Ordering Activities procuring open market items must follow FAR 8.402(f).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if-**

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));
- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

**18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS**

18a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

- (1) Time of delivery/installation quotations for individual orders;
- (2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.
- (3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

18b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

**19. OVERSEAS ACTIVITIES**

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

NONE

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a

reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

## **20. BLANKET PURCHASE AGREEMENTS (BPAs)**

The use of BPAs under any schedule contract to fill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

## **21. CONTRACTOR TEAM ARRANGEMENTS**

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

## **22. INSTALLATION, DEINSTALLATION, REINSTALLATION**

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

## **23. SECTION 508 COMPLIANCE**

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following: [www.plegov.com](http://www.plegov.com)

The EIT standard can be found at: [www.Section508.gov/](http://www.Section508.gov/).

## **24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES**

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order;

- (a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and
- (b) The following statement:

This order is placed under written authorization from \_\_\_\_\_ dated \_\_\_\_\_. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

## **25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997)(FAR 52.228-5)**

25a. The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

25b. Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

- (1) For such period as the laws of the State in which this contract is to be performed prescribe; or
- (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

25c. The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

## **26. SOFTWARE INTEROPERABILITY**

Offerors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at <http://www.core.gov>.

## **27. ADVANCE PAYMENTS**

A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment is not authorized or allowed under this contract. (31 U.S.C. 3324)

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF  
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY  
EQUIPMENT  
(SPECIAL ITEM NUMBER 132-8)**

**1. MATERIAL AND WORKMANSHIP**

All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

**2. ORDER**

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order.

For credit card orders and BPAs, telephone orders are permissible.

**3. TRANSPORTATION OF EQUIPMENT**

FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

**4. INSTALLATION AND TECHNICAL SERVICES**

4a. **INSTALLATION.** When the equipment provided under this contract is not normally self-installable, the Contractor's technical personnel shall be available to the ordering activity, at the ordering activity's location, to install the equipment and to train ordering activity personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed below, or in the price schedule:

Equipment is self-installable.

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4b. **INSTALLATION, DEINSTALLATION, REINSTALLATION.** The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

4c. **OPERATING AND MAINTENANCE MANUALS.** The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

**5. INSPECTION/ACCEPTANCE**

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The

ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

**6. WARRANTY**

- 6a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.
- 6b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.
- 6c. **Limitation of Liability.** Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.
- 6d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: P&L E-Communications, LLC 1900 Ridge Road E., West Entrance, Rochester, NY 14622.

**7. PURCHASE PRICE FOR ORDERED EQUIPMENT**

The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

**8. RESPONSIBILITIES OF THE CONTRACTOR**

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

**9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT**

When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).

**TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE, REPAIR  
SERVICE AND REPAIR PARTS/SPARE PARTS FOR GOVERNMENT-  
OWNED GENERAL PURPOSE COMMERCIAL INFORMATION  
TECHNOLOGY EQUIPMENT (AFTER EXPIRATION OF  
GUARANTEE/WARRANTY PROVISIONS AND/OR WHEN REQUIRED  
SERVICE IS NOT COVERED BY GUARANTEE/WARRANTY  
PROVISIONS) AND FOR LEASED EQUIPMENT  
(SPECIAL ITEM NUMBER 132-12)**

**1. SERVICE AREAS**

1a. When repair services cannot be performed at the ordering activity installation site, the repair services will be performed at the Contractor's plant(s) listed below:

P&L E-Communications, LLC  
1900 Ridge Road E., West Entrance  
Rochester, NY 14622

**2. MAINTENANCE ORDER**

2a. Agencies may use written orders, EDI orders, credit card orders, or BPAs, for ordering maintenance under this contract. The Contractor shall confirm orders within fifteen (15) calendar days from the date of receipt, except that confirmation of orders shall be considered automatic for renewals for maintenance (Special Item Number 132-12). Automatic acceptance of order renewals for maintenance service shall apply for machines which may have been discontinued from use for temporary periods of time not longer than 120 calendar days. If the order is not confirmed by the Contractor as prescribed by this paragraph, the order shall be considered to be confirmed by the Contractor.

2b. The Contractor shall honor orders for maintenance for the duration of the contract period or a lesser period of time, for the equipment shown in the pricelist. Maintenance service shall commence on a mutually agreed upon date, which will be written into the maintenance order. Maintenance orders shall not be made effective before the expiration of any applicable maintenance and parts guarantee/warranty period associated with the purchase of equipment. Orders for maintenance service shall not extend beyond the end of the contract period.

2c. Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice, or shorter notice when agreed to by the Contractor; such notice to become effective thirty (30) calendar days from the date on the notification. However, the ordering activity may extend the original discontinuance date upon written notice to the Contractor, provided that such notice is furnished at least ten (10) calendar days prior to the original discontinuance date.

2d. Annual Funding. When annually appropriated funds are cited on a maintenance order, the period of maintenance shall automatically expire on September 30th of the contract period, or at the end of the contract period, whichever occurs first. Renewal of a maintenance order citing the new appropriation shall be required, if maintenance is to continue during any remainder of the contract period.

2e. Cross-year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month, fiscal year period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.

2f. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of maintenance service, if maintenance is to be terminated at that time. Orders for continued maintenance will be required if maintenance is to be continued during the subsequent period.

**3. LOSS OR DAMAGE**

When the Contractor removes equipment to his establishment for repairs, the Contractor shall be responsible for any damage or loss, from the time the equipment is removed from the ordering activity installation, until the equipment is returned to such installation.

**4. SCOPE**

- 4a. The Contractor shall provide maintenance for all equipment listed herein, as requested by the ordering activity during the contract term. Repair service and repair parts/spare parts shall apply exclusively to the equipment types/models within the scope of this Information Technology Schedule.
- 4b. Equipment placed under maintenance service shall be in good operating condition.
  - (1) In order to determine that the equipment is in good operating condition, the equipment shall be subject to inspection by the Contractor, without charge to the ordering activity.
  - (2) Costs of any repairs performed for the purpose of placing the equipment in good operating condition shall be borne by the Contractor, if the equipment was under the Contractor's guarantee/warranty or maintenance responsibility prior to the effective date of the maintenance order.
  - (3) If the equipment was not under the Contractor's responsibility, the costs necessary to place the equipment in proper operating condition are to be borne by the ordering activity, in accordance with the provisions of Special Item Number 132-12 (or outside the scope of this contract).

**5. RESPONSIBILITIES OF THE ORDERING ACTIVITY**

- 5a. Ordering activity personnel shall not perform maintenance or attempt repairs to equipment while such equipment is under the purview of a maintenance order, unless agreed to by the Contractor.
- 5b. Subject to security regulations, the ordering activity shall permit access to the equipment which is to be maintained or repaired.

**6. RESPONSIBILITIES OF THE CONTRACTOR**

For equipment not covered by a maintenance contract or warranty, the Contractor's repair service personnel shall complete repairs as soon as possible after notification by the ordering activity that service is required. Within the service areas, this repair service should normally be done within 4 hours after notification.

**7. MAINTENANCE RATE PROVISIONS**

- 7a. The Contractor shall bear all costs of maintenance, including labor, parts, and such other expenses as are necessary to keep the equipment in good operating condition, provided that the required repairs are not occasioned by fault or negligence of the ordering activity.
- 7b. REGULAR HOURS  
The basic monthly rate for each make and model of equipment shall entitle the ordering activity to maintenance service during a mutually agreed upon nine (9) hour principal period of maintenance, Monday through Friday, exclusive of holidays observed at the ordering activity location.
- 7d. TRAVEL AND TRANSPORTATION  
If any charge is to apply, over and above the regular maintenance rates, because of the distance between the ordering activity location and the Contractor's service area, the charge will be in accordance with the Joint Travel Regulations or Federal Travel Regulations as applicable.

**8. INVOICES AND PAYMENTS**

- 8a. Maintenance Service
  - (1) Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.
  - (2) Payment for maintenance service of less than one month's duration shall be prorated at 1/30th of the monthly rate for each calendar day.

**USA COMMITMENT TO PROMOTE  
SMALL BUSINESS PARTICIPATION  
PROCUREMENT PROGRAMS**

PREAMBLE

**P&L E-Communications, LLC** provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

To actively seek and partner with small businesses.

To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.

To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.

To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.

To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.

To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.

To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact

Paul G. Simpson, Phone: (585) 329-4614, E-mail: paul@plegov.com, Fax: (585) 654-7999.



**BPA FORMAT GUIDELINES**

BPA NUMBER \_\_\_\_\_

(CUSTOMER NAME)  
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s) \_\_\_\_\_, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

(1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE
_____	_____
_____	_____
_____	_____

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
_____	_____
_____	_____
_____	_____

(3) The ordering activity estimates, but does not guarantee, that the volume of purchases through this agreement will be \_\_\_\_\_.

(4) This BPA does not obligate any funds.

(5) This BPA expires on \_\_\_\_\_ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE	POINT OF CONTACT
_____	_____
_____	_____
_____	_____

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

- (a) Name of Contractor;
- (b) Contract Number;
- (c) BPA Number;
- (d) Model Number or National Stock Number (NSN);
- (e) Purchase Order Number;
- (f) Date of Purchase;
- (g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and

(h) Date of Shipment.

(9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.

(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

\*\*\*\*\*

## CONTRACTOR TEAM ARRANGEMENTS

### BASIC GUIDELINES FOR USING “CONTRACTOR TEAM ARRANGEMENTS”

Federal Supply Schedule Contractors may use “Contractor Team Arrangements” (see FAR 9.6) to provide solutions when responding to a ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions or the Federal Supply Schedule Contract.

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customers needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer’s requirement.
- Customers make a best value selection.

## P&L E-COMMUNICATIONS, LLC'S PRODUCT DESCRIPTIONS

### SERVICE

#### General Purpose Commercial Information Technology Equipment, Software and Services

- S1. Special Item No. 132-8 Purchase of Equipment
- S2. Special Item No. 132-12 Maintenance, Repair Service and Repair Parts/Spare Parts

### PRODUCTS

#### AVT234© Hardware & Software Systems

**1. AVT234-M Rapidly Deployable / Redeployable Kit, Part No: TMC-KIT-001 (see product datasheet)**

**Definition:** Self-contained rapidly deployable perimeter surveillance system designed for Special Forces to set up deployable perimeter surveillance for fire bases, observation points, relay points, and surveillance/reconnaissance points. The AVT234©-M Kit uses PLE's patented video analysis software known as Target Motion Cueing (TMC) to provide automated change detection with an extremely high Probability of Detection (Pd) and significantly reduced Nuisance and False Alarm Rates (NAR/FAR) in Video Motion Detection (VMD). The kit also includes PLE's AVT234™ Target Trajectory Mapping Module (TTM) to provide tracking overlays to surveillance system annunciator and displays with meaningful track information including date, time, direction, speed, and geolocation.

**Components:** An operator DVR/processor to record video and control four (4) included EO/IR sensors, LCD monitor, TMC and TTM intelligent video analysis software license (1 year), 4 thermal or video imagers, 4 10' tripods, 4 150' coax cables, MIL STD 810F ruggedization for processor kit and peripherals, Integrated Base Defense Security Systems (IBDSS) compliant advanced settings for Video Motion Detection (VMD) analytics capability, Network interoperability communications layers via MIL eXtensible markup (XML), documentation and user manual.

**2. AVT234-C Rapidly Deployable / Redeployable Kit, Part No: TMC-KIT-002 (see product datasheet)**

**Definition:** Rapidly deployable perimeter surveillance system designed for FEMA, CBP, Law enforcement, counter-drug and counter-terrorism organizations to setup deployable stake outs and field surveillance. The AVT234©-C Kit uses PLE's patented video analysis software known as Target Motion Cueing (TMC) to provide automated change detection with an extremely high Probability of Detection (Pd) and significantly reduced Nuisance and False Alarm Rates (NAR/FAR) in Video Motion Detection (VMD). The kit also includes PLE's AVT234™ Target Trajectory Mapping Module (TTM) to provide tracking overlays to surveillance system annunciator and displays with meaningful track information including date, time, direction, speed, and geolocation.

**Components:** An operator DVR/processor to record video and control four (4) included EO/IR sensors, LCD monitor, TMC and TTM intelligent video analysis software license (1 year), 4 thermal or video imagers, 4 10' tripods, 4 150' coax cables, Ruggedized Kit Case, documentation and user manual.

**3. AVT234© - Rack Mount Unit, Part No: PLEAVT-RMU-001 (see product datasheet)**

**Definition:** Rack Mount Unit (RMU) for permanent installations where there is already a significant investment in cameras whether they are stationary or PTZ. Designed for integration with existing security and surveillance systems, the AVT234© RMU uses PLE's patented video analysis software known as Target Motion Cueing (TMC) to provide automated change detection with an extremely high Probability of Detection (Pd) and significantly reduced Nuisance and False Alarm Rates (NAR/FAR) in Video Motion Detection (VMD) and Target Trajectory Mapping Module (TTM) to provide tracking overlays to surveillance system annunciator and displays with meaningful track information including date, time, direction, speed, and geolocation.

**Components:** An operator DVR/console to record and control video from 4 to 8 existing NTSC feeds, LCD monitor, pre-installed parameters can be changed to tailor operations but this is not necessary to run the analytics. Documentation and user manual included.

**4. AVT234© - Four (4) Channel Alarm Relay Driver, Part No: PLEAVT-RD-004**

**Definition:** The Relay Driver is used to integrate the AVT234© TMC and TTM software to existing video control room annunciator/displays via a Form "C" relay to process alerts at the display.

**Components:** Four (4) Port Form C relay driver and documentation.

**5. AVT234© - Eight (8) Channel Alarm Relay Driver, Part No: PLEAVT-RD-008**

**Definition:** The Relay Driver is used to integrate the AVT234© TMC and TTM software to existing video control room annunciator/displays via a Form "C" relay to process alerts at the display.

**Components:** Eight (8) Port Form C relay driver and documentation.

**6. AVT234© - Extended Warranty, Part No: PLEAVT-EW**

**Definition:** Optional one (1) year warranty for AVT234©.

**7. AVT234© - Kit Cameras**

**Definition:** Four (4) kit cameras are provided with AVT234© kit. Extra cameras are available.

**Components:** Kit camera and documentation.

**8. AVT234© - Video Monitoring Systems**

**Definition:** The video monitoring system is available to setup IP camera network and integrate with AVT234© TMC and TTM software.

**Components:** DVMS and documentation.



**P&L E-COMMUNICATIONS, LLC'S AUTHORIZED GSA PRICING**

MFR	SIN	Part Number	Description	GSA Price	Warranty
PLE	132-8	TMC-KIT-001	AVT234-M	\$33,221.98	1 Year
PLE	132-8	TMC-KIT-002	AVT234-C	\$28,242.77	1 Year
PLE	132-8	PLEAVT-RMU-001	AVT234 Rack Mount Unit	\$9,850.00	1 Year
PLE	132-12	PLEAVT-EW	Optional Extended one (1) Year Warranty - AVT	\$1,600.00	N/A
PLE	132-8	PLEAVT-RD-004	Optional Four (4) channel alarm relay driver	\$500.00	1 Year
PLE	132-8	PLEAVT-RD-008	Optional Eight (8) channel alarm relay driver	\$975.00	1 Year
PLE	132-8	PLEAV-BC-001	Bullet Day/Night Camera w/ illuminators	\$900.00	1 Year
PLE	132-8	PLEAVT-SP-001	Spotlight Day/Night Camera w/ illuminators	\$900.00	1 Year



# AVT234-M with Target Motion Cueing® (TMC®)

In **REAL** life ..... they need to know the **REAL** threats

-- WE GOT YOUR BACK --

**RAPIDLY DEPLOYABLE Indicators and Warnings (I&W)  
for Surveillance/Reconnaissance, Observation and Relay Points.**

## Target Motion Cueing Kits Part No. TMC-KIT-001

Target Motion Cueing (TMC) provides warnings of enemy movement outside your perimeter. This Indicators and Warnings (I&W) system enhances video surveillance by drawing a sentry's attention to actual enemy movement. By reducing false positive warnings, a sentry is able to more effectively detect and investigate real threats. The visual display clearly and efficiently highlights movement and provides an audible and visual alert. Instead of staring at a group of monotonous images on a bank of screens, TMC enables the sentry to focus attention only on events of interest.

AVT234-M© contains all necessary equipment to setup and provide persistent full motion video analysis of camera views to implement perimeter security at SR, OP, and relay points. Target alerts can be sorted by date, time, camera sensor ID, and GPS coordinates. Alert

events are recorded on the AVT234-M© for historical reference. Target alerts are immediately heard locally and are clearly displayed to operators to highlight movement areas. They are also transmitted to lethality decision support tools via tactical network topology using email, cell phone, VHF coupler, or tactical radios.



The kit is transported via truck in carry bags and cases, and provides rapid configuration of cameras on vehicles or the two camera tripods provided with each kit.

Local operators can quickly set up fire base and outpost perimeters that can be monitored locally and sent to situation awareness and lethality decision support tools via tactical network topology using email, cell phone, VHF coupler, or tactical radios.



Target Motion Cueing (TMC) reduces false positive warnings, provides audible alarms when it detects human or vehicle intruders, and provides the sentry with clear visual display that efficiently highlights movement and provides location of motion. TMC enables the sentry to focus attention only on events of interest while maintaining heads up mission posture.

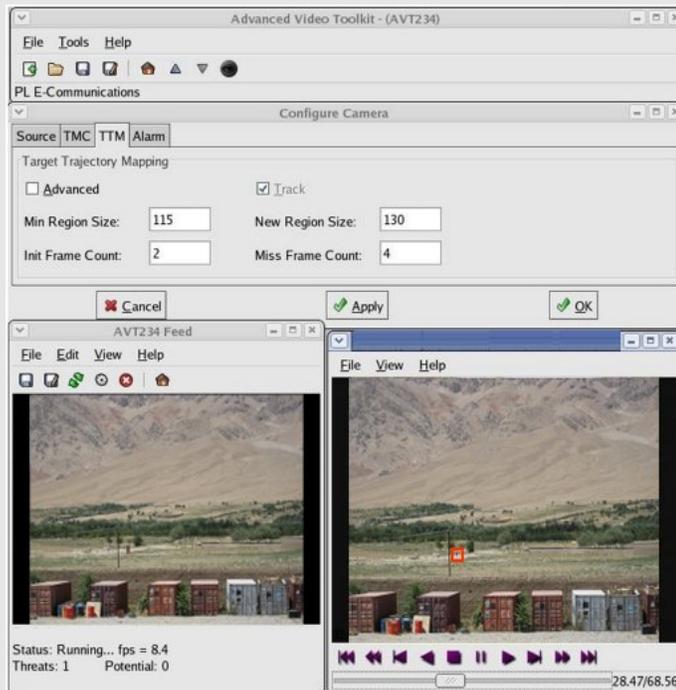
AVT234© TMC® kit products are easily and rapidly deployable, allowing for unattended protection and early warning of intrusion for small teams in the lead.

24/7 surveillance in urban areas, supply routes, police stations.

Experience TMC's **X**treme False Alarm Reduction

# Specifications for the TMC-KIT-001

<b>Sensor Interoperability</b>	<b>Any video or IR camera with NTSC video feed</b>
<b>Situational Awareness</b>	<b>AVT234-M©</b>
<b>Operating System</b>	<b>Open Source: works with Linux, Unix, Windows</b>
<b>E-mail Servers</b>	<b>SMTP / POP3 other delivery services available</b>
<b>Sensor Frequency Band</b>	<b>802.11 b/g, 4 watt RF radio (optional)</b>
<b>Remote Control</b>	<b>Health Status, Tamper Alert, Analytic Sensitivity Control</b>
<b>Power Source</b>	<b>Vehicle Battery w/ converter, Generator, Solar (where feasible)</b>
<b>Network Interoperability</b>	<b>802.11, VHF Coupler, MBITRs</b>



**P&L E-Communications, LLC**

1900 Ridge Road E., West Entrance | Rochester, NY 14622

[www.plegov.com](http://www.plegov.com) [support@plegov.com](mailto:support@plegov.com) 1-585-340-5435



# AVT234-C with Target Motion Cueing® (TMC®)

In **REAL** life ..... they need to know the **REAL** threats

- - WE GOT YOUR BACK - -  
**RAPIDLY DEPLOYABLE Indicators and Warnings (I&W)  
for NATIONAL URBAN SEARCH AND RESCUE RESPONSE SYSTEM.**

## Target Motion Cueing Kits Part No. TMC-KIT-002

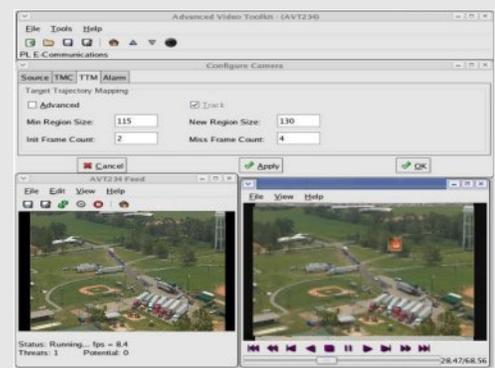
Target Motion Cueing (TMC) provides warnings of looters or unauthorized personnel moving outside your mobilized response supply truck lot perimeter. This Indicators and Warnings (I&W) system enhances video surveillance by drawing attention to suspicious or unexpected movement. AVT234© kits provide rapid deploy "virtual fence" with our Intelligent video surveillance software that provides unattended monitoring of video for unwanted incursions. The visual display clearly and efficiently highlights movement and provides an audible and visual alert. Kits are quickly deployable / redeployable and can provide local and remote audible alarms and display of intrusions detected in established perimeters.

AVT234-C© contains all necessary equipment to setup and provide persistent full motion video analysis of camera views to implement perimeter security at mobilized emergency response lots. Target alerts can be sorted by date, time, camera sensor ID, and GPS coordinates. Alert events are recorded on the AVT234-C© for historical reference. Target alerts are immediately heard locally and are clearly displayed to operators to highlight movement areas. They can also be transmitted to non-mobilized US&R command posts using email, cell phone, VHF coupler, or tactical radios.



The kit is transported via truck in carry bags and cases, and provides rapid configuration of cameras on vehicles or the two camera tripods provided with each kit.

Local operators can quickly set up urban search & rescue outpost perimeters that can be monitored locally and sent to situation awareness and command support tools via tactical network topology using email, cell phone, VHF coupler, or tactical radios.



Target Motion Cueing (TMC) reduces false positive warnings, provides audible alarms when it detects human or vehicle intruders, and provides a clear visual display that efficiently highlights movement and provides location of motion. TMC enables the P to focus attention only on events of interest while maintaining heads up mission posture.

AVT234© TMC® kit products are easily and rapidly deployable, allowing for unattended protection and early warning of intrusion for small teams in the lead.

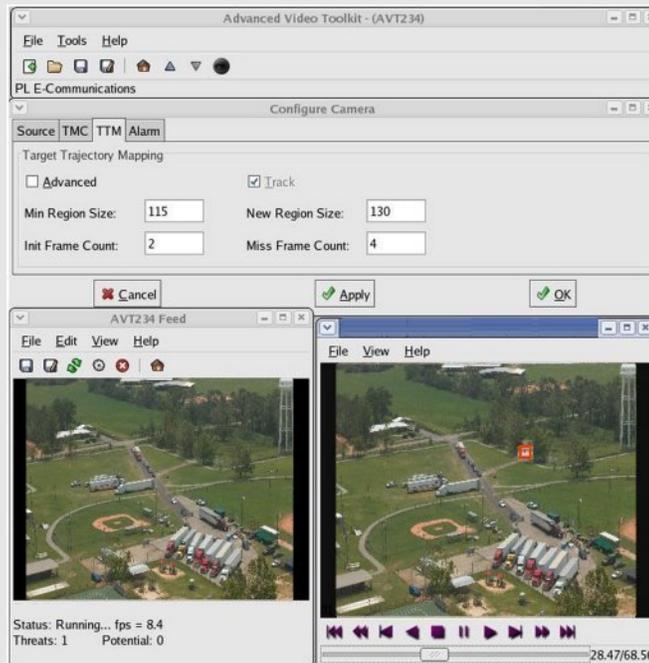


24/7 surveillance in urban areas, supply routes, police stations.

Experience TMC's **X**treme False Alarm Reduction

# Specifications for the TMC-KIT-002

<b>Sensor Interoperability</b>	<b>Any video or IR camera with NTSC video feed</b>
<b>Situational Awareness</b>	<b>AVT234-C© for correctional facility perimeters, urban law enforcement operations, border protection, FEMA emergency response.</b>
<b>Operating System</b>	<b>Open Source: works with Linux, Unix, Windows</b>
<b>E-mail Servers</b>	<b>SMTP / POP3 other delivery services available</b>
<b>Sensor Frequency Band</b>	<b>802.11 b/g, 4 watt RF radio (optional)</b>
<b>Remote Control</b>	<b>Health Status, Tamper Alert, Analytic Sensitivity Control</b>
<b>Power Source</b>	<b>Vehicle Battery w/ converter, Generator, Solar (where feasible)</b>
<b>Network Interoperability</b>	<b>802.11, VHF Coupler, MBITRs</b>



**P&L E-Communications, LLC**

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[www.plegov.com](http://www.plegov.com) [support@plegov.com](mailto:support@plegov.com) 1-585-340-5435



# AVT234<sup>®</sup> Rack Mount Unit

with  
Target Motion Cueing<sup>®</sup> (TMC<sup>®</sup>)

In **REAL** life ..... they need to know the **REAL** threats

- - WE GOT YOUR BACK - -

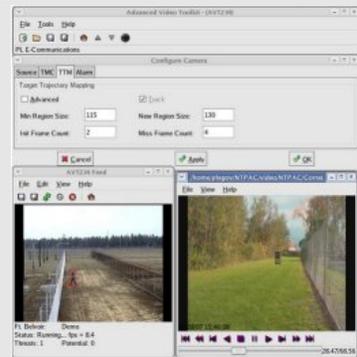
**Monitoring Station Video Analysis without Changing Cameras  
Extend Useful Life of Cameras. Unattended Change Detection.**

## AVT234<sup>®</sup> Rack Mount Units Part No. AVT-RMU-001

The P&L E-Communications, LLC AVT234<sup>®</sup> Rack Mount Unit is for permanent installations where there is already a significant investment in cameras whether they are stationary or PTZ. The AVT234<sup>®</sup> rack mounted unit can be integrated using either 4 channel or 8 channel products. AVT234<sup>®</sup> "video analytics" can be added to any camera channel providing an NTSC feed into the control room. The AVT234<sup>®</sup> offers persistent full motion video analysis of camera views of areas of interest. Alerts can be sorted by date, time, and camera sensor ID.

The product eliminates or significantly reduces false alarms while analyzing live video feeds to detect human or vehicle activity within designated camera views and sectors. Detections can be reported either via SEI/WG ICD-0100 compliant XML or straight form C relay driver to the annunciator/displays or the XML communications layer of the existing system. When running AVT234<sup>®</sup>, pre-installed parameters can be changed to tailor operations but this is not necessary to run the analytics and is only provided to advanced users.

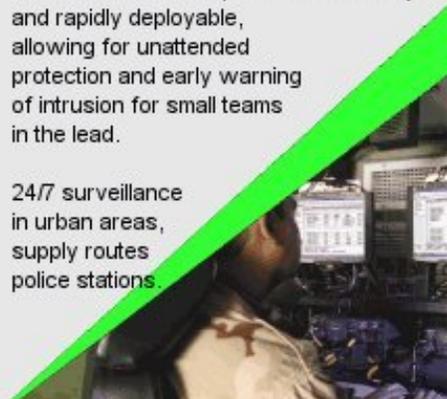
P&L E-Communications, LLC has programmed the AVT234<sup>®</sup> to provide easy access to local display of 4 cameras provides easy access to camera views and allows the user to reconfigure on the fly without having to restart the unit or return to its point of emplacement.



AVT234<sup>®</sup> Target Motion Cueing<sup>™</sup> eliminates or significantly reduces false alarms while it analyzes live video feeds to detect human or vehicle activity within designated camera views and sectors. Network communications can be existing wired , wireless 802.11 b/g, or 4 watt RF radio.

AVT234<sup>®</sup> TMC<sup>®</sup> kit products are easily and rapidly deployable, allowing for unattended protection and early warning of intrusion for small teams in the lead.

24/7 surveillance  
in urban areas,  
supply routes,  
police stations.



Experience TMC's<sup>®</sup> **Xtreme** False Alarm Reduction

# Specifications for the AVT-RMU-001

<b>Sensor Interoperability</b>	Any video or IR camera with NTSC video feed
<b>Situational Awareness</b>	AVT234© AVT-RMU-001
<b>Operating System</b>	Open Source works with Linux, Unix, and interfaces with Windows
<b>E-mail Servers</b>	SMTP / POP3 other delivery services available
<b>Sensor Frequency Band</b>	802.11 b/g, 4 watt RF radio (optional)
<b>Remote Control</b>	Health Status, Tamper Alert, Analytic Sensitivity Control
<b>Power Source</b>	System Mains Power 110/120

AVT234© with Target Motion Cueing™



Video Change Detection without AVT234©



Video Change Detection with AVT234©

P&L E-Communications, LLC Government Systems | 1900 Ridge Road East | West Entrance | Rochester, NY 14622

[www.plegov.com](http://www.plegov.com) 1-585-340-5435