

## Parking Control Products

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### Model EDC 1000 Differential Counter/Status Scanner

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1. Purpose: The Model EDC 1000 Differential Counter/Status Scanner shall be a counting device that provides a real time count of either vacancies or occupancies in a parking facility.
2. Features:
  - a. The Model EDC 1000 Differential Counter shall accept simultaneous counts from single inbound and single outbound traffic lanes.
  - b. Three or more lanes shall be accommodated with the use of an optional logic card to prevent loss of counts.
  - c. The Model EDC 1000 Differential Counter shall subtract numbers for vehicle entry and add numbers for vehicle exit.
  - d. When all spaces are filled the following shall occur:
    - 1) The counter shall display 00000.
    - 2) The "FULL" sign shall be automatically illuminated.
  - e. In a multilevel facility, when a particular level fills, a differential counter shall activate either the "FULL" sign or a "directional" sign to guide patrons to the nearest available space.
  - f. The Model EDC 1000 Differential Counter shall be able to deactivate the entrance lane Ticket Spitter when the facility has reached capacity, thereby preventing additional vehicle entry.
  - g. Optional non-resettable totalizing counter which shall provide a visual count of the number of vehicles passing through a lane (NOT STANDARD).
  - h. This counter shall operate accurately at speeds of up to 1000 counts per minute.
  - i. Digits shall be 3/16 inches (5 mm) high and be made of corrosion resistant material.
  - j. Optional: A key activated resettable totalizing counter shall provide the same features as the non-resettable totalizing counter, with the exception of the actual counter which shall be resettable to zero with a key (NOT STANDARD).
    - 1) This option shall provide a lifetime of 100 million counters at 2,000 counts per minute.
    - 2) Counter shall reset to zero only.
  - k. Optional Toggle Switch shall be available for use as an on/off switch, raise/lower gate switch, and bypass or full sign activation switch (NOT STANDARD).
  - l. Optional Push Button shall be available to vend gates or vend tickets (NOT STANDARD).
  - m. An Optional Indicator Lights shall be available for surveillance purposes (NOT STANDARD). This would include ticket in chute, car present on loops, gate up, gate reset, etc.
  - m. An optional Anti-coincidence Package shall be available for use in preventing coincidental counting (NOT STANDARD). When counts from multiple lanes are received in the anti-coincidence package, they shall be stored until the differential counter is able to receive them. Anti-coincidence packages shall be available with the following number of inputs:
    - 1) 1-5 inputs.
    - 2) 6-10 inputs.
    - 3) 11-20 inputs.
  - n. An Optional Skip-A-Day Timer Package shall be available to provide user with a means of raising a gate at a predetermined time each day (NOT STANDARD).
  - o. Optional neon "Full" Sign shall be available and shall be mountable in the following

manners (NOT STANDARD).

- 1) Gate mounted for Model G-90 LCD Series, Model G-90/CG-90, or Model G-89 Barrier Gates with 4 inch (102 mm) neon letters.
- 2) Pedestal mounted 42 inches (1067 mm) with inclusive 4 inch (102 mm) neon letters.
- p. Optional Time delay per each light assembly shall be available to provide user with a means of activating the sonalert alarm when an indicator light has been on too long (indicating that a gate arm has been up too long, etc.) (NOT STANDARD).
- q. Optional Sonalert alarm shall be available when required (NOT STANDARD).
3. Dimensions.
  - a. The standard EDC 1000 Differential Counter enclosure shall be 5.8 inches W x 3 inches H x 5.6 inches D (147 mm W x 76 mm H x 142 mm D). Exterior cabinet size is dependent upon the features specified.
  - b. The EDC 1000 Differential Counter shall be available with a wall mounted console which shall be of two sizes.
    - 1) 14 inches W x 26 inches H x 10 inches D (356 mm H x 660 mm W x 254 mm D).
    - 2) 30 inches W x 30 inches H x 10 inches D (762 mm W x 762 mm H x 254 mm D).
  - c. Status Scanner shall be available with a floor mounted console when required. The Floor console shall be 72.75 inches x 34.5 inches (1848 mm x 876 mm).
4. Electrical. The Model EDC 1000 Differential Counter shall:
  - a. Provide a nominal voltage of 24 VDC or 100 VAC.
  - b. Require 115 VAC at 0.25 Amperes with power consumption (power requirements as specified).
5. Construction. The Model EDC 1000 Differential Counter shall be enclosed in painted, steel NEMA housing.
6. Mechanical. The Model EDC 1000 Differential Counter shall:
  - a. Provide a 1/2 inch (12.5mm) five-digit LED
  - b. Be mountable on a wall, shelf, or gate.
  - c. Have a counting speed of 150 impulses per second.
  - d. Have a count input response of 0.7 ms.
  - e. Have a life expectancy of 50 million impulses.
  - f. Provide a zero reset/instant reset to zero with push-button located on face of counter.