Specification Sheet for ES821

1.1 Optical Turnstile (OT) Component Package

A. Optical Turnstile Components shall operate with the access control system utilizing a variety of reader technologies: i.e. proximity, weigand, mag stripe, bar code, or biometrics as indicated on the Security Device Drawings.
B. The OT Package shall be capable of integrating the optical turnstile directly into existing furniture/fixtures or where local finishes have been specified for the bollards as dictated by the architectural design.
C. All functions of the OT Component Package shall be controlled by the MPU/ Controller; a solid state microprocessor based sub-assembly, engineered and manufactured specifically for this product application by the optical turnstile vendor. The MPU Controller sub-assembly shall be housed within the optical turnstile's bollard thereby eliminating the need for any external wiring of cable assemblies between the MPU/Controller and the bollard.
D. The OT Component Package shall utilize audible and visual annunciators to provide communications with the pedestrian concerning walkway usage, access granted and access violations, as well as invalid card attempt. The visual annunciators shall be a backlit Vertical Graphic Array (VGA) and a Horizontal Graphic Array (HGA). An audible tone at the HGA shall provide a signal to the pedestrian indicating access granted. A separate audible tone shall be used to indicate an access violation.
E. The OT Component Package shall provide a control bypass input to allow the lane to be shunted for visitor passage through the turnstile in either direction.
F. The OT Component Package shall be capable of being configured in single or bi-directional modes.
G. The OT Component Package and associated sub-assemblies shall be manufactured in the U.S.A.
H. Manufacturer shall be Designed Security, Inc. Model ES821 Series Optical Turnstile Component Package.