

## TXB Series Translator Board

### PTZ CONTROL PROTOCOL CONVERTER

#### Product Features

- Compatible with Tactical Automated Security System (TASS) Controllers
- Compatible with NTCIP™ Camera Control Protocol
- Compatible with American Dynamics™, Bosch® (Philips, Burle), Hernis, Sensormatic®, and Vicon™ Controllers (as Specified)
- Converts Third-Party Command Signals to Pelco D Protocol
- For Use in Spectra® Domes, Spectra Mini Domes, ExSite® Series Systems, and Esprit® Series Systems
- Easy to Install
- Operation Transparent to User
- No Additional Hardware Required for Installation

The **TXB Series** translator boards allow various controllers to communicate with Pelco's Spectra® domes, Spectra Mini domes, ExSite® Series, and Esprit® Series positioning systems. The optional, easy-to-install subassembly allows these systems, after setup, to receive commands from the controller and convert them to Pelco D protocol. Refer to the following page for the list of third-party controller compatibility.

The **TXB-TASS** translator board is designed for the U.S. Air Force TASS controllers. **TXB-TASS** translates the TASS protocol to smoothly operate Pelco's various integrated camera systems.

The **TXB-NTCIP** translator board has been designed and tested in conformance to the present NTCIP™ (National Transportation Communications for ITS [Intelligent Transportation Systems] Protocol) standard 1205 for Camera Control Devices.

*All companies make changes and improvements to their products on a regular basis. Because this product is interfacing with equipment not manufactured by Pelco, the possibility exists that the interface protocols have changed or are in a different configuration from earlier tested units; therefore, an incompatibility may occur. The existence of prior successful installations indicates our intent to provide equipment compatible with other manufacturers, but it does not guarantee successful results without on-site integration testing.*



**TXB-V TRANSLATOR BOARD**  
(SHOWN INSTALLED WITH SPECTRA BACK BOX)



**TXB-AD TRANSLATOR BOARD**  
(SHOWN INSTALLED IN ESPRIT ES31C SERIES  
INTEGRATED POSITIONING SYSTEM)  
(SIDE COVER HAS BEEN REMOVED)



by **Schneider Electric**

International Standards  
Organization Registered Firm;  
ISO 9001 Quality System



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# TECHNICAL SPECIFICATIONS

## MODELS

TXB-AD	Translator board for American Dynamics controllers
TXB-B	Translator board for Bosch (Philips, Burle) controllers
TXB-H	Translator board for Hernis controllers
TXB-S422	Translator board for Sensormatic controllers
TXB-V	Translator board for Vicon controllers
TXB-NTCIP	Translator board for NTCIP protocol
TXB-TASS	Translator board for TASS protocol

## GENERAL

Construction	Printed circuit board (PCB)
Mounting	Subassembly PCB plugs into interconnect PCB of Spectra dome and Mini dome, ExSite and Esprit Systems
Dimensions	
TXB-AD, TXB-B, TXB-H, TXB-S422, TXB-V	2.1" L x 1.6" W x 0.4" H (5.3 x 4.1 x 1.0 cm)
TXB-NTCIP	3.125" L x 2.25" W x 0.4" H (7.9 x 5.7 x 1.0 cm)
Weight	
Unit	0.05 lb (0.02 kg)
Shipping	1.0 lb (0.45 kg)

## CERTIFICATIONS

- CE, Class B (when installed in Spectra dome and Spectra Mini dome, ExSite and Esprit systems)
- FCC, Class B (when installed in Spectra dome and Spectra Mini dome, ExSite and Esprit systems)

## COMPATIBLE PELCO PRODUCTS

	TXB-AD, TXB-B, TXB-S422, TXB-V	TXB-H	TXB-NTCIP	TXB-TASS
Spectra II®	•			
Spectra III™	•	•	•	•
Spectra IV	•	•	•	•
Spectra Mini	•	•		•
ExSite	•	•	•	•
Esprit	•	•	•	•

## COMPATIBLE CONTROLLERS

### American Dynamics

AD168 Matrix Switcher  
AD1600 Series  
AD1983 Control Code Converter  
AD2091 Series  
AD1650 Series\*  
AD2050 Series\*  
AD2150 Series\*  
AD2350 Series\*

### Bosch (Philips, Burle)

LTC5136 AutoDome® Controller  
LTC5138 Virtual Keyboard [Rev. 1.01] (Allegiant® and AutoDome Systems)  
LTC8300 Series (Allegiant System)  
LTC8500 Fixed Speed Series (Allegiant System)  
LTC8800 Variable Speed Series (Allegiant System)  
LTC8850 Graphical User Interface (Allegiant System)  
LTC8600 Series (Allegiant System)\*  
LTC8900 Series (Allegiant System)\*

### Hernis

Hernis 400 Controller

### Sensormatic Electronics Corporation

RC58 (VM1-SensorVision®)  
RC216 (VM96-View Manager®)  
AD2083/02 Series American Dynamics protocol translator

**NOTE:** SensorNet® not supported.

### Vicon

V1300X-DVC Remote Control  
V1422™ Matrix Controller  
VPS324 Matrix Controller  
V4480SCC Matrix 44® Card Cage  
V6680SCC Matrix 66™ Card Cage  
V1300 Series NOVA™ Programmable Matrix Switching System\*  
V1400X-DVC System Console Control Station\*  
VPS1344™ Matrix Switching System\*

### NTCIP

NTCIP protocol control systems

### TASS

Tactical Automated Security System protocol controllers

\*Based on the information published by these manufacturers, Pelco has reason to believe the TXB Translator Board will also work with these models (refer to the disclaimer on the previous page).

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