Installers and Users appreciate our unique range of proven applications. Developed for eliminating Vibration (Seismic) Activity or Vibration that effects the Picture Quality for any type of Bullet, Dome, PTZ or Pendant Camera.

With our Range of Anti-Vibration Industrial Strength Products designed specifically to cure the most difficult situations where Vibration is a problem

- Road Bridges
- Railroads
- Ports
- Plant Buildings
- Industrial Sites
- Construction Sites
- Shipping and Cruise Ships

Military Grade Components Guarantees an Installer will Benefit from the Superior Quality of our USA made Products

Designed by

NIGEL B DESIGN, INC. 4163 ST CLAIR AVE, STUDIO CITY, CA 91604
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**NIGEL B DESIGN'S PRODUCTS ARE TAA COMPLIANT**

*WHAT IS TAA COMPLIANT*

TAA refers to the Trade Agreements Act (19 USC & 2501-2581) which is intended to foster fair and open International Trade. TAA requires that the US Government may only acquire US Made or designated Country End Products. This Act requires that Contractors must Certify that each End Product meets the applicable Requirements.

End Products are those Articles, Materials and Supplies to be acquired for Public use.*This includes items that have been “Substantially Transformed” in the United States. As all Nigel B Design Products are Manufactured and Assembled in the USA they are eligible to be added to any Contractor’s GSA Listing

All Nigel B Design Products shown in this Catalog are fully TAA Compliant under the Buy American Act

I wish to thank the many Industry Veterans who has helped me in producing the many unique Solutions shown in this Catalog. As Craig Dalman who used to be at Pelco (Schneider Electric) said “I believe that you have solved some interesting problems for the Security Industry.”

All Nigel B Products are made under my Direct Supervision in the most up to date factory using the latest manufacturing techniques resulting in the highest quality, backed by a second to none “No Quibble” guarantee
SOME RECENT ANTI-VIBRATION CAMERA ADAPTOR INSTALLATIONS

CLIENT: TDOT TRAFFIC OPERATIONS DIVISION, NASHVILLE, TN
INSTALLATION ADDRESS: Road Bridge Memphis, TN
CONTRACTOR: Kapsch Traffic Com North America
PROBLEM: This Particular Road bridge suffered from excessive number of 18 Wheelers rumbling across the main Memphis Roadway causing excessive Vibration. Using our NB- HDSA Anti-Vibration Adaptor, a test Unit was added to one of the Cameras already installed, resulting in the elimination of Vibration. In view of the satisfactory Test Results a total of six NB-HDAV Anti-Vibration Devices were added to the existing six Cameras.

UNION PACIFIC RAILROAD
DEALER: SHEL-BAR ELECTRONIC INDUSTRIES, AIRDRIE, CANADA
CLIENT CONTRACTOR: UNION PACIFIC RAILROAD
INSTALLATION ADDRESS: Chicago, IL
PROBLEM: Excessive Vibration from Freight Trains
CAMERAS USED: Bosch FlexiDome Starlight 4000VR and FLIR FC Series ID Camera With the NIGEL B HEAVY DUTY ANTI-VIBRATION CAMERA ADAPTOR, NB-MDAVCA, and NB-BCMCP-Bosch Mounting Plate for FlexiDome Starlight 4000VR, and FLIR Series Mounting Plate NB-FLFCMP

COMMENT FROM THE INSTALLATION ENGINEER:
Hi Nigel it’s Johnny from Union Pacific, I want to say thank you for your Camera Mounts. They worked perfectly on my Project. I had to put up two Bosch Cameras and two FLIR Cameras on a Bridge over six Railroad tracks. The Mounts were easy to put up, also, the Cameras mounted to them perfectly. I couldn’t be happier on how the project turned out.

CURRENT DESIGN WORK

BOSCH SECURITY CAMERA DIVISION
Anti-Vibration Mount for Bosch MIC Camera
REQUESTED BY: Christopher Johnston, Regional Marketing Manager
Including our New Mounting Method for the Bosch MIC Cameras that allows Mounting to any Vertical Surface, Pole or Unistrut

UNION PACIFIC RAILROAD
Anti-Vibration Mount for the Bosch Autodome 7000 HD IP PTZ Camera
REQUESTED BY: Ryan Song, Project Engineer, Union Pacific Railroad
This replaces the Standard Box and is Attached directly to the Autodome’s Arm allowing the complete assembly to be mounted directly to a Flat Surface Pole or Unistrut

PELCO - SCHNEIDER ELECTRIC
Anti-Vibration Platform Configuration for the Espirit Camera for Railroad Applications
REQUESTED BY: David Marin

PROJECT FOR LAX AIRPORT
Nigel B Design has been recommended by Sony Security Systems after a successful Test Installation at the George Washington Bridge. Over 60 Cameras are displaying Vibration at LAX Airport and the Camera Mounting has to be changed. Many are either Pole or Surface Mounted or installed on the Corner of Hangers using Sony Security Cameras.

Other Design work in Progress, please inquire nigel@nigelbdesign.com
ANTI-VIBRATION ADAPTOR FOR THE BOSCH ® AUTODOME 7000 CAMERA

THE ANTI-VIBRATION ADAPTOR INCLUDES THE BACK MOUNTING PLATE WHICH REPLACES THE STANDARD AUTODOME 7000 REAR BOX

The Ant-Vibration Back Mount replaces the Standard Back which is then attached to the Bosch 7000 Camera Arm and Camera using the supplied Camera Arm’s (4) 8 mm Screws

THERE ARE THREE DIFFERENT WAYS TO MOUNT THE ANTI-VIBRATION’S BACK MOUNTING PLATE

- Unistrut attached to a Back Plate
- 1 ½” dia. Pole attached to a Back Plate using 1 pr Pole Clips
- Back Plate Attached to a Flat Surface

The Included Back Plate can also be revolved 90° allowing attachment to either Unistrut or Pole to be changed to suit the Installation

* 1 ½” dia Pipe and Unistrut are Customer Supplied Parts
WEIGHT: 5.7 lbs.  SHIPPIING WEIGHT: 9 lbs  DIMENSIONS: 9” x 9” x 9”
ANTI-VIBRATION MOUNT FOR BOSCH MIC SERIES CAMERAS

Attaches directly to the Base of the MIC Camera providing Protection from Vibration in extreme Situations such as that experienced in Railroad and Traffic Road Bridges

There are a total of 3 different ways the MIC Camera can be installed:

1. MOUNTING PLATE allows Mounting the Camera to any Flat Surface.
2. POLE MOUNTING Using Standard 1½” Dia. Pipe Vertically or Horizontally
3. UNISTRUT Vertically or Horizontally

Mounts are available in both BLACK and WHITE Powder Coat Scratch Resistant Enamel

(4) 8 mm Screw Holes are provided allowing the Camera to attach directly to the Anti-Vibration Mount

All Signal and Power to and from the Camera runs inside the Metal Conduit A total of 3 positions can be used for Entry and Exits points which are 90º Apart

4 Screw Positions at each corner are provided on the Rear Plate for Mounting on to any Flat Surface

A total of (3) ¾” dia. Entry and Exit Points are provided. The unused ones are supplied with Blanking Caps when not used.

Underside View of the Mounting Plate showing how the Pole or Unistrut Position can be changed at will allowing the Anti-Vibration Bracket to be positioned either Horizontally or Vertically
**BOSCH® ANTI-VIBRATION L ADAPTOR**

- Can be used either Upright or Upside Down
- 5 Different Camera Mounting Options
- Maintains the Vertical Camera Requirement

The Weather Proof Back Plate has Four Slotted Mounting Holes providing a convenient method of attachment to any Vertical Surface.

Four Different 3/4" dia. Cable Ports are provided. Unused Ports use ¾” Blanking Caps to maintain the Weather-proof Design.

**The Anti-Vibration Corner Wall Bracket allows Mounting the corner of a Building**

The Pole Mount Brackets can be installed Horizontally or Vertically allowing the Pole to be used in either direction.

Unistrut can be installed Horizontally or Vertically allowing it to be used in either direction.

**THE BOSCH L ADAPTOR SHOWN BELOW DEMONSTRATES THE VARIOUS CAMERA POSITIONS**
THE HEAVY DUTY ANTI-VIBRATION ADAPTOR FOR USE WITH ANY CAMERA

The Left Picture shows (1) Anti-Vibration I Beam/Girder Bracket (1) Customer Supplied 1½” dia Pole (1) Female to Female Coupler (1) Heavy Duty Anti-Vibration Adaptor Part # NB-HDSA, Customer Supplied Camera

The Right Picture is using the I Beam/Girder Mount Part # NB-EXP81B, Customer Supplied 1½” dia. Pole, (1) 1½” Female-Female 2” long Converter Part # NB-2064, (1) Heavy Duty Anti-Vibration Adaptor Part # NB-HDSA, Customer Supplied Camera
BENEFIT FROM OUR EXCLUSIVELY DESIGNED ANTI-VIBRATION CAMERA MOUNTING SYSTEM WITH ITS MULTIPLE METHODS OF INSTALLATION

MOUNTING OPTIONS
Using the Anti-Vibration Back Plate allows

- Mounting any Camera to any Flat Surface
- Mounting any Camera to a Pole
- Mounting any Camera to any I Beam or Girder
- Vertical Unistrut Mounting
- Horizontal Unistrut Mounting

Anti-Vibration Mounting Box shown with included Anti-Vibration Back Plate

I Beam/Girder Bracket

Red Circles represent 6.32 Captive Nuts for Attaching the Camera To the Camera Plate

Typical Anti-Vibration Camera Plate Showing Captive Nuts

Camera Arm attached on a pole

Camera Arm attached to Vertical Unistrut

Mounting Box shown with Anti-Vibration Back Plate attached to Unistrut

Security Camera Mounted on a Pole above the Ceiling Tiles
**NIGEL B DESIGNS RANGE OF ATTACHMENT COMPONENTS FOR ANY SECURITY CAMERA INSTALLATION**

This Flexibility allows an Installer to choose which Component is right for the job and makes the installation of different types of Cameras that much easier.

**THE CORNER WALL MOUNTING BRACKET**

The Corner Wall Bracket allows up to three cameras to be mounted on the corner of a Building.

**Anti-Vibration Corner Wall Bracket**

The Corner Wall Bracket can be used allowing up to three Cameras to be attached to three sides of any corner surface. Particularly suitable for Mounting the Bosch MIC L Adaptor to the Corner of a Building or Wall to provide elimination of Vibration.

See the next page for additional Mounting Attachments that are currently available.
INSTALLATION IDEAS USING THE I BEAM BRACKET

There are several different ways the I Beam/Girder Bracket can be used. Shown below are two examples.

The I Beam/Girder Bracket is expandable from 4”- 8” wide.
DESKTOP LOCKING CABINET
Fitted with 2U RACK SPACE Rack Rails
(Rack Rails are removable if not required)

WHEN SECURITY IS AN ISSUE THE LOCKING CABINET CAN BE INSTALLED ABOVE THE CEILING TILES WITH ALL OF THE EQUIPMENT SAFELY INSIDE

The Lockable Desktop Cabinet is fitted with (2) 2RU Rack Rails that can be removed if not required, With most units taking up 1RU Rack Space there is enough Space for an (additional)

Made of Military Grade Aluminum these Locking Cabinets with their Internal dimensions provide enough room for two 2RU Rack space Equipment or Recorders regardless of the Manufacturer

Dimensions: Exterior 20”W x 14”L x 4.75”H  
Weight: 10 lbs
Desktop Locking Cabinet: Part # NB-DLC
WHEN MOUNTING ON A WALL IS NOT AN OPTION

ALMOST UNLIMITED INSTALLATION OPTIONS
Both the Single or Dual Monitor Pole Mount Bracket are designed to work with any 1½” dia Threaded Pole (Customer Supplied).
With the Introduction of our Reducers these can be fitted to the Single or Dual Monitor Bracket allowing either 1” or 1¼” Pole to be substituted for the Standard 1½”.

WORKING WITH UNISTRUT
A Single and Dual Monitor Bracket can be used using Unistrut Channel

USING OUR PLENUM RATED PLENUM EQUIPMENT BOXES
Includes working with all our Plenum Rated Equipment Boxes (see Plenum Box Leaflet).

Pole Reducers allow using different diameters of Pole

ALL CABLES RUN INSIDE THE POLE
So Cables never need to show
Anti-Vibration Camera Arm
Part # NB-CAAV $279.95

Anti-Vibration Corner Wall Bracket
Part # NB-CNRWB $239.95

Heavy Duty Anti-Vibration (Seismic) Adaptor
Part # NB-HDSA $579.95

1"-1½" Pole Reducer
Part # NB-R1 1X1 $19.95
1¾"- 1½" Pole Reducer
Part # NB-R2 1X2 $19.95
1½" dia. Female-Female 2" Long Coupler
Part # NB-2064 $59.95

Anti-Vibration (Seismic) Mounting Box
with an Anti-Vibration Back Plate, allowing attachment to a 1½” Pole, Unistrut or any Flat Surface
Part # NB-AVMB-W $299.95

Anti-Vibration Adaptor for the Bosch Series MIC Camera
Part # NB-AVMIC $799.95
Part # NB-AVMIC-W $799.95

Anti-Vibration Adaptor for the Bosch Autodome 4000 or FLIR FC Series Cameras
Part # NB- BAFAV-W $599.95

(2) Pole Mount Brackets for all Mounting Boxes
Part # NB-PBKB-W $69.95

Anti-Vibration L Adaptor for the Bosch Series MIC Camera
Part # NB- AVMICL $999.95
Part # NB-AVMICL-W $999.95

Anti-Vibration Rear Cover Assembly, for use with the Autodome Arm and 700 Camera
Part # NB-RCAAV-W $699.95

Adjustable Width 3" - 8"
Anti-Vibration I Beam/Girder Bracket
Part # NB-EXP81B $399.95

End of Unistrut to Female Pole Converter
Part # NB-EUFFPC $109.95
Mounted Unistrut to Female Pole Converter
Part # NB-UMFPC $119.95

Unistrut to male Pole Converter
Part # NB-TSA $109.95

Desktop Locking Cabinet
Fitted with (2) Racks Lock & (2) keys
Part # NB-DLC $499.95

VESA Extension Plate Extenders Set of two 200-400 mm (Black Only)
Part # NB-EXV $49.95

Dual Monitor Black Converter Bracket
Part # NB-400 $199.95
Dual Monitor White Converter Bracket
Part # NB-400-W $199.95

Single Unistrut® Bracket
Part # NB-STB $125.95

4 Position Unistrut® Bracket
Part # NB-4STB $179.95

We reserve the right to change our product’s prices and designs without prior notice.

PRICE LIST OCTOBER 2017