

Norbain enhances Middle East border security

Security at the Saudi-Bahrain causeway border crossing has been enhanced following the installation of a new CCTV system by Norbain's Middle Eastern distributor, the Yusif Bin Yusif Fakhro Company. All traffic entering Bahrain is now recorded with the tapes viewed by the Traffic and Immigration Directorate of Bahrain on a daily basis. YBYF has received praise from Bahrain's Ministry of Interior for the successful completion of the installation.

Nine Vista VPCMX high-resolution day/night cameras, housed in VCMH Vista housings are positioned at a height of one metre from the road, directly facing the oncoming traffic. As the traffic slows to the border, the cameras capture the image of the vehicle and specifically its number plate. Each camera is connected to a Vista Generation 3 multiplexer (GCD16GT), VCR (VVR-27HRSe) for 24 hour recording, and to a 15" LCD monitor for continuous monitoring. A Vista fixed dome (VFD4V9C) completes the installation. The project specification emphasised the importance of ensuring that the cameras could capture the Arabic car number plates day and night, despite the glare of full headlights and the extremes in temperature experienced by the location.



Installation was undertaken during limited specified hours without obstructing the traffic flow or affecting the operational efficiency of the border crossing. All the relevant parties and causeway authorities closely monitored the project. Yusif Fakhro, Managing Director of YBYF, comments:



“It took fifteen days to complete the installation, including trench and foundation works, and cable laying as well as the installation of the cameras themselves. A further seven days were spent refining the focus for day and night operation and ensuring that any problems arising from vehicle headlight, number plate reflectivity and speed were successfully addressed. This type of project requires considerable co-ordination between our supplier, Norbain, and us. We are fortunate in having a supplier we can rely on to deliver products and technical assistance just when they are needed. Their contribution is greatly valued.”

The Vista VPCMX Day/Night camera utilises 1/2" EXview™ CCD colour/mono technology to provide a cost effective solution where high resolution daytime monitoring needs to be combined with high sensitivity for maximum performance at night.. Delivering an impressive 580 TVL resolution when in monochrome mode, and 480 TVL when operating in colour, this feature packed camera also comes with backlight compensation, peak white inversion and electronic shuttering as standard.

With intuitive auto-set up capability, Vista's Generation 3 multiplexers offer installers simplistic set-up, and the end user a combination of powerful features with straightforward operation. Equipped with multi-lingual menu options, near-real time quad display, PVP for faster update capability, covert recording modes, and, multiple multi-screen displays, it isn't surprising that these units provide the very cornerstone of many modern security applications.

