



PELCO

by Schneider Electric

DX8100 DIACAP CERTIFIED

Customer Information Guide



DX8100



Pelco is pleased to introduce DX8100 v2.0D, the DIACAP Compliant version of the well-known DX8100 series DVR. This document provides feature details as well as the logistics for product procurement.

Background:

DIACAP, or Department of Defense Information Assurance Certification and Accreditation Process, is a government set of security standards. Various federal and state agencies use these standards as a test to indicate authority for the compliant device to operate on one of their networks.

In October of 2009, Pelco provided a DX8100 version 2.0 DVR to SPAWAR (Space and Naval Warfare) for DIACAP Compliance testing. As a result of that test effort, an Authority to Operate (ATO) was provided for a system including the DX8100.

The remainder of this document, in the form of an FAQ, provides further detail on the actual product definition and ordering process for you, our government customer.

Further information can be found at pelco.com/Products/Video Management Solutions/Hybrid Video Recorders/DX8100.



PRODUCT SPECIFICATIONS/FEATURES:

Q: What is DX8100 Version 2.0D (DIACAP)?

A: DX8100 Version 2.0D is an image of our DX8100 v.20 product, specific to USA Department of Defense (DOD) IA (Information Assurance) requirements. It is built on Windows XP Embedded just as is our commercial product. The only difference is that specific ports have been closed in order to meet DIACAP compliance as explained further in this document.

Q: What was done to DX8100 to achieve DIACAP Compliance?

A: This product was put through information assurance testing with both commercial and government testing tools. In order to achieve compliance, Category 1, 2 and 3 vulnerabilities were remediated allowing the product to meet and/or exceed DIACAP Security Standards.

The DX8100 has received an approval and/or authority to operate by the Department of Defense.

Q: How have these issues been addressed?

A: In most instances, the issues needed to be addressed by turning off a port, and thus a particular service of the DX8100. The testing agency at the time, SPAWAR, was informed of our test results and of the port closures. At the conclusion of testing, an ATO was issued that included the DX8100.

Q: What version of DX8100 was tested for DIACAP Compliance?

A: DX8100 v2.0 was tested for DIACAP compliance. The new part number for the DIACAP compliant version is DX8100 v2.0D.

Q: I understand that some of the commercial features are restricted in DX8100 v2.0D? What are they?

A: There is a minor restriction in viewing IP video at the DX8100 client. The DX8100 client displays IP video from all Pelco standard definition network cameras in MPEG-4 mode. The client displays both MPEG4 and MJPEG modes only for IXS0 Series cameras with Sarix™ technology.

The following DX8100 server and client features are disabled:

- Web client connectivity to remote DX8100s
- Display of system log events at the client
- Display of emergency e-mail notifications at the client
- Maintaining connection to mapped networked drives after exiting the DX8100 server application to the Windows environment

Q: Where are these restrictions documented?

A: The restricted features are documented in an addendum to the documentation C-4653M as well as in Tech Tip C4666M. The documents can be found on the Pelco DX8100 web page and they ship with every DX8100 v2.0D product model.

Q: What is Pelco's commitment to DIACAP compliance of other Pelco products?

A: DIACAP compliance is a critical part of Pelco's commitment to the large number of military customers we are privileged to serve. In addition to DIACAP compliance for DX8100, we are also working with various government agencies for compliance of our Endura and VMS products. Pelco has created a specific IA (Information Assurance) team to meet compliance for our legacy and for our future products.

LOGISTICS:

Q: How do we order DX8100 v2.0D?

A: Contact your Pelco dealer/integrator. They will order the number of channels you require – 8, 16, 24 or 32. Storage models are available for 250-, 500-, 750-GBs and 1-, 2-, 4-, 6- and 8-TB. For example, if you needed 24 channels with 8 TB, your dealer would order a DX8124-8000D.

Q: Are there any other product options available for DX8100 besides the “D” (DIACAP) version?

A: There are two other options available for the DX8100 – both are listed on the DX8100 specification sheet. There is a Mux option (“M”) that provides live view of audio that is recorded at 2CIF and 4CIF resolution. There is also an Audio option (“A”). While Pelco ships with two standard audio channels, the A option displaces those 2 channels with the purchased 8, 16, 24, or 32 audio channels.

Q: How do we convert an existing non-D version of DX8100 to the DIACAP Compliant version?

A: You will need to order DX81SWV20XPED. This kit contains the system documentation including the DIACAP addendum, and Tech Tip. It also includes the D versions of the Resource and Recovery disks.

Q: Will I lose video if I convert an existing DX8100 system to the DIACAP version?

A: You will not lose any video in the conversion process if the recovery option is used. There is a reallocate option which wipes the drives and starts a new database.

Q: Where/how can we find out more about DX8100 v2.0D?

A: You can visit our web site, under Video Management Solutions, Hybrid Video Recorders, DX8100. Our commercial page includes the DX8100 specification page which references DIACAP. This document is also posted on the site.

Q: Will the “D” part numbers be on the Pelco GSA schedule?

A: Pelco routinely updates our GSA Contract part numbers through routine modifications. We have submitted the new DIACAP “D” part numbers for DX8100 - they will appear as Pelco updates its GSA Schedule Price List. Pelco’s GSA schedule is GS07F9323S.

Q: Will other Pelco products be made DIACAP Compliant?

A: Yes. Such efforts are underway with our Endura products. Once testing is complete we can begin to productize a DIACAP offering as we have done with DX8100. If you have sales opportunities that require DIACAP or a related compliance, email kcarpenter@pelco.com.

Q: Who can we contact for more information?

A: For further sales information, contact Kevin Carpenter, Industry Solution Manager, x 2444. For questions regarding compliance issues contact Danny Graves, IA Team Leader, x 3325.