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Nextelligence[®] Newsletter

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Environmental
Solutions Group
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Welcome to the Nextelligence Newsletter!

Welcome to the 20th edition of the Nextelligence Newsletter. We look forward to continuing to provide the latest news in the Nextelligence training community.

The Nextelligence Newsletter alternates with information related to vital parts of your Heil refuse truck and 3rd Eye camera systems.



Nextelligence Tech Tips

From Master Trainer Travis Wallen

Are You Connected?

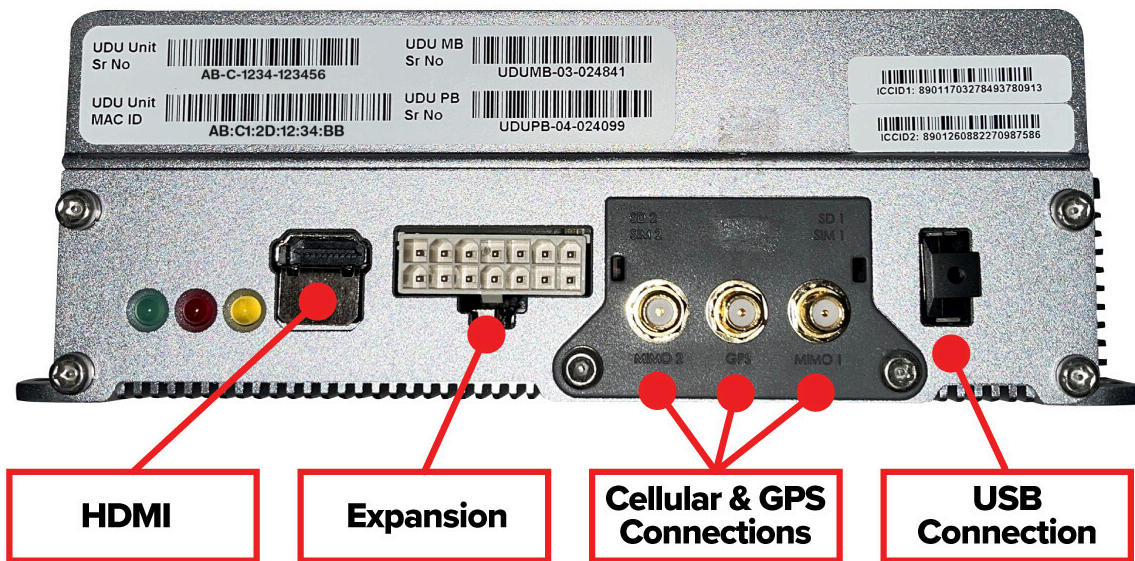
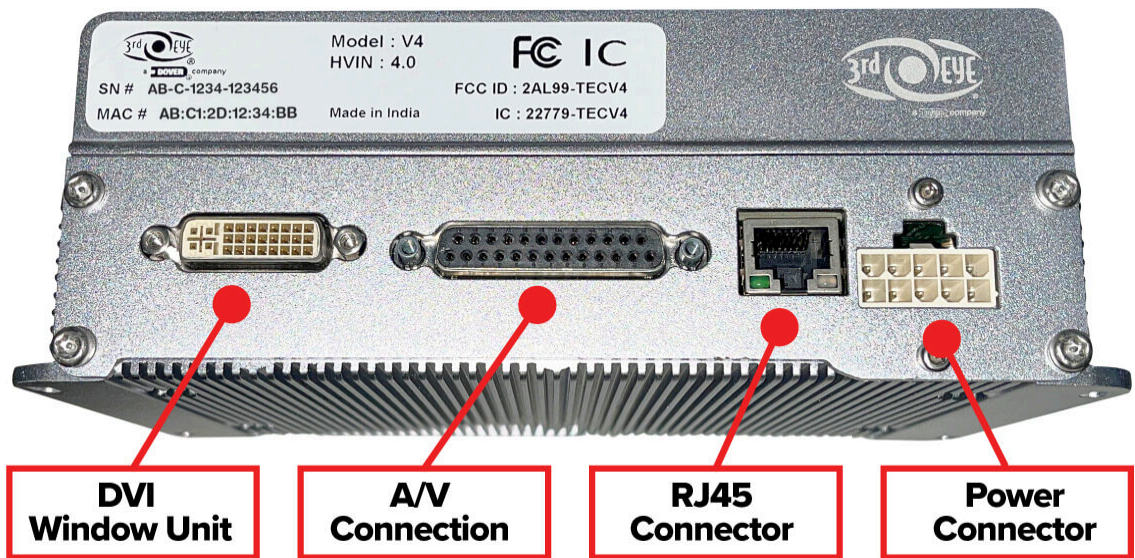
In this month's Nextelligence Newsletter, we will go through all of the wired connections for the 3rd Eye Gateway V4 Module.

Part of maintaining optimal performance of your 3rd Eye Digital System means ensuring the electrical connections are made correctly and securely.

3rd Eye V4 Gateway Connection Overview

The 3rd Eye Gateway has 10 wiring connection points; however, we only use 7 of the available 10 during normal operations.

Let's walk through the 10 connections.



The RJ45, HDMI, and USB ports are not used during normal operations.

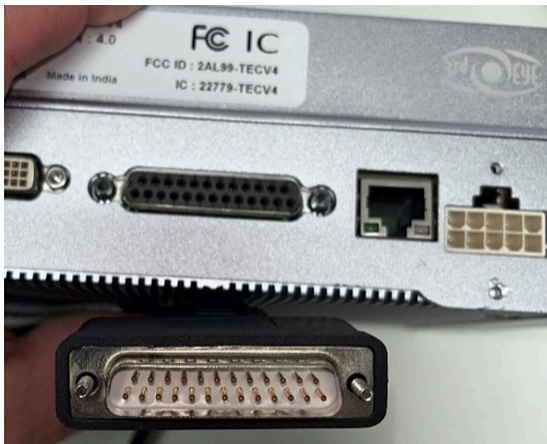
V4 Gateway Proper Connections

Now, let's review the 7 connection points used, cover what a proper connection looks like, and provide connection tips to help keep your Digital System working worry-free.



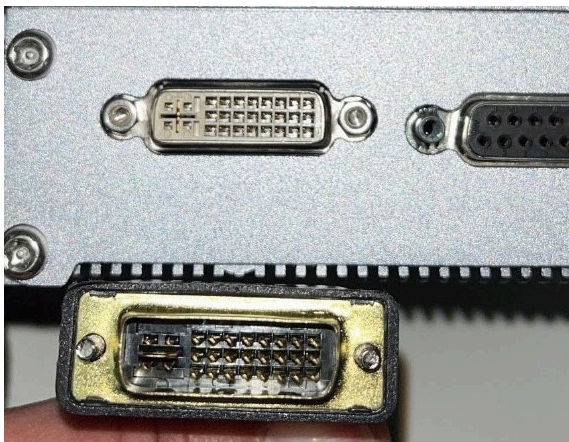
Power Connection

Tip: Ensure that the orientation of the harness connector and mating receptacle matches. Also, use the security connection retainer that secures the connection and ensures it remains intact and tamper-resistant. A T10 Security Torx tool is needed for the retaining screws.



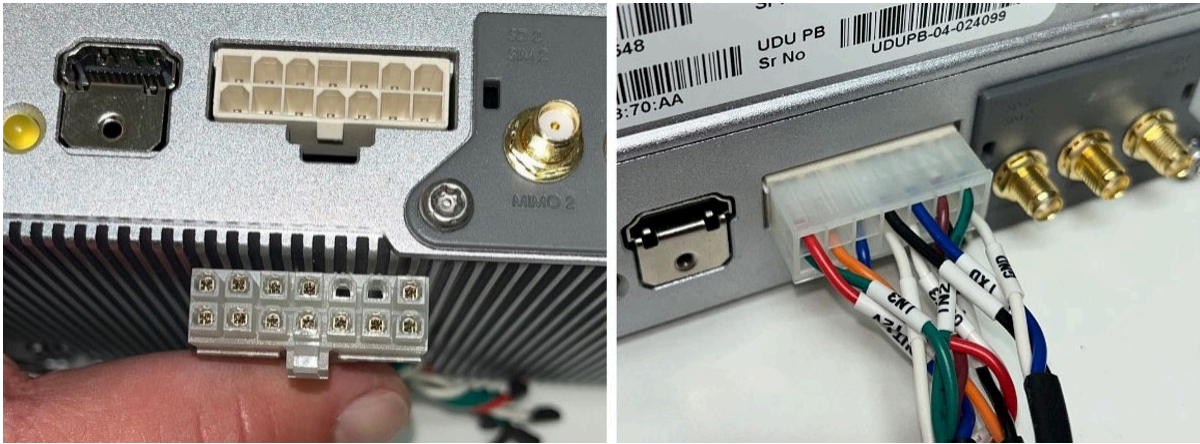
AV Connection

Tip: To remove the A/V connector, use a T10 Security Torx tool. Don't over-tighten when reconnecting, or the soft connector can be damaged.



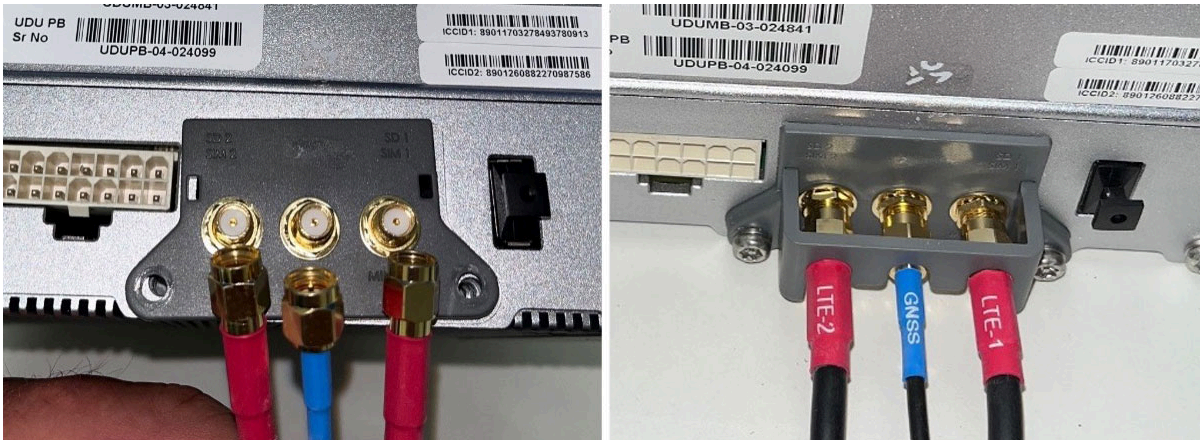
DVI Connector (Window Unit)

Tip: If the window unit loses power, ensure the Gateway is fully booted up and the red light on the Gateway is illuminated in a solid, steady state. Next, check the connection on both ends of the DVI cable.



Expansion Harness Connector

Tip: The expansion harness is an input/output harness that uses signals to trigger events.



Coaxial Connections

Tip: There are three coaxial connections. The two red connectors labeled LTE1 and LTE2 are both cellular antenna connections. The blue one labeled GNSS is for GPS antenna connection.

Bonus Tip: Another pro tip for the coaxial connections is always to replace the SMA bracket and use a T20 Security Torx tool when reconnecting. The SMA bracket serves two purposes. It gives us a small distance from the crimped coaxial connection before turning the cables for routing, helping to reduce stress on the crimped coaxial connection. Secondly, it helps reduce the possibility of tampering with these connectors.

Utilize The 3rd Eye Microsite!

The 3rd Eye Microsite is an invaluable validation tool, which allows you to confirm that repairs have been made successfully.

If your fleet is running the 3rd Eye Digital System and you don't have access to the Microsite, reach out to 3rd Eye Technical Support today at 866-804-2984 or email them at support@3rdeyecam.com

In the next 3rd Eye Newsletter

Why use a Y Splitter?

- Why do we use them
- How they connect

- Importance of replacing, not bypassing

GET THE NEWSLETTER

Would you like to know more about 3rd Eye systems and related topics? Good news! We teach that in our 3rd Eye Nexteligenz classes. You can get in-depth training by contacting us to register for a Nexteligenz class at Nexteligenz@doveresg.com

CONTACT US

Contact Info & Helpful Links

Miss a Newsletter?

No problem - You can now view all past Nexteligenz newsletters by visiting our Archives page.

[VIEW NEWSLETTER ARCHIVES HERE](#)

The 2024 Nexteligenz Training Schedule Is Here!

The 2024 Training Schedule is now available and can be viewed via the Nexteligenz webpage, or on the Heil Dealer Portal.

2024 Live Online Webinar 3rd Eye Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
June 4th	Camera	Webinar	12 pm - 4 pm
June 5th	Digital	Webinar	12 pm - 4 pm
July 9th	Camera	Webinar	12 pm - 4 pm
July 10th	Digital	Webinar	12 pm - 4 pm
August 6th	Camera	Webinar	12 pm - 4 pm
August 7th	Digital	Webinar	12 pm - 4 pm

2024 3rd Eye Factory Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
June 20th	Camera/Digital	Factory	8 am - 12 pm
July 11th	Camera/Digital	Factory	8 am - 12 pm
August 8th	Camera/Digital	Factory	8 am - 12 pm
August 22nd	Camera/Digital	Factory	8 am - 12 pm

[VIEW FULL 2024 TRAINING SCHEDULE](#)

Nextelligence Class Registration

Feel free to contact us anytime if you have any training questions or to register for one of our training classes.

[EMAIL TRAINING](#)



Service Shack

Visit the 3rd Eye Service Shack for helpful training and instructional videos

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