



Nextelligence Newsletter



Issue #34

March 2026



Environmental
Solutions



Welcome to the Nextelligence Newsletter!

Welcome to the 34th edition of the Nextelligence Newsletter. We look forward to providing the latest news in the Nextelligence training community.



Nextelligence Tech Tips

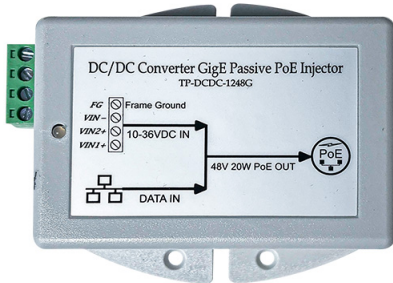
From Master Trainer Travis Wallen

How to Connect Ethernet Cameras on your G1 Digital Gateway

The new G1 Digital Gateway from 3rd Eye has 2 Ethernet ports available. To make connections to the Ethernet connections, you will need the following parts to connect one camera:

- **3rd Eye Ethernet Camera** - Part # 3EC-202-ETH
- **3rd Eye Ethernet Patch Cable** - Part # 3EC-010ETH

- **Power over Ethernet Harness** - Part # 3EC-POE-POWERHARNESS
- **RJ45 to 8-pin Adapter Cable** - Part # 3EC003RJ45M
- **Ethernet Power Injector** – Part # 3EC-PoE-INJECTOR
- **Ethernet Cord 3ft** – Part # 035352



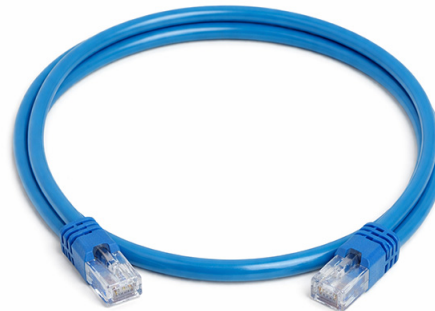
Power Injector



Ethernet Camera



Ethernet Patch Cable



3' Ethernet Cord



RJ45-to-8-Pin Ethernet Adaptor



Power over Ethernet (PoE) Harness

Note: Ethernet Cameras can not be viewed from the 3rd Eye 7" Monitor. 3rd Eye recommends using these as PSV cameras. Ethernet cameras can be identified by their part number.

Depending on the Ethernet camera's installation location, a longer Ethernet camera cable might be needed. You can replace the noted 10 ft Ethernet Patch Cable (Part # 3EC-010ETH) with one of the

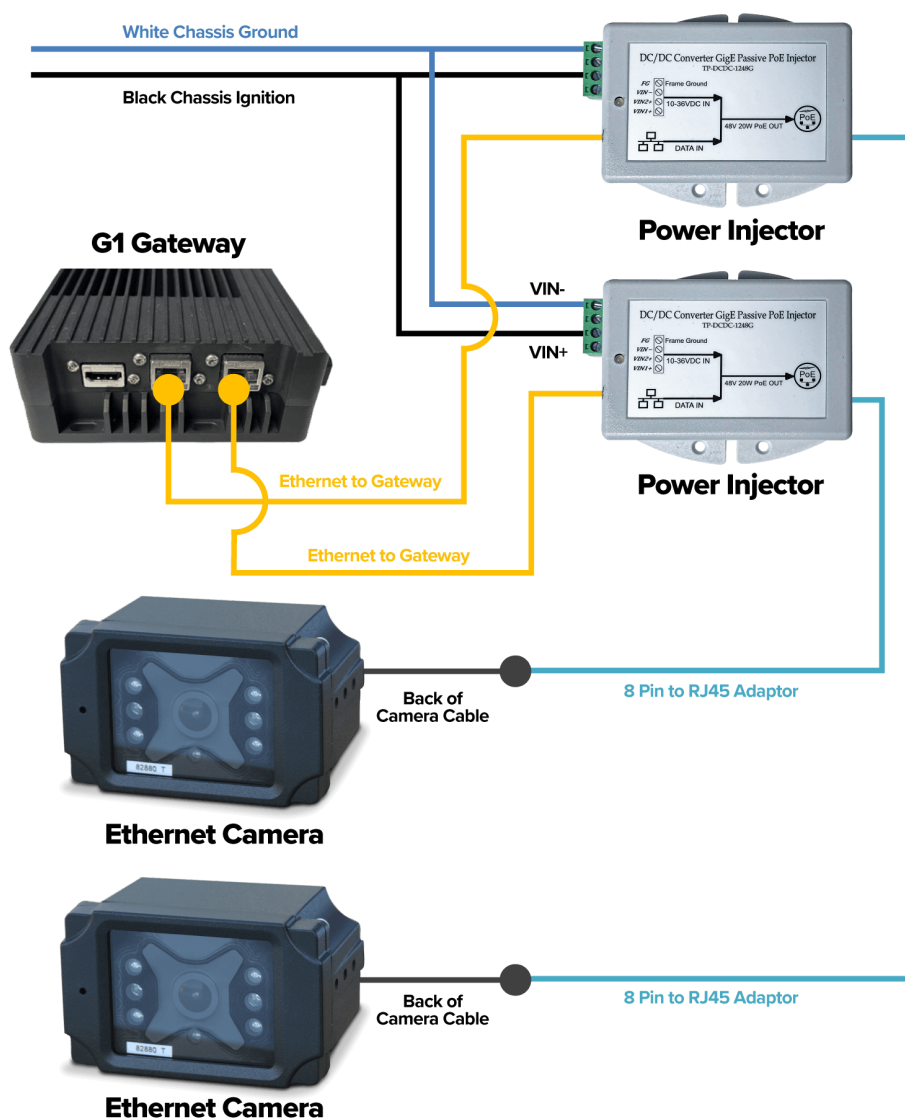
following:

- 15 ft Ethernet Patch Cable - Part # 3EC-015ETH
- 20 ft Ethernet Patch Cable - Part # 3EC-020ETH
- 25 ft Ethernet Patch Cable - Part # 3EC-025ETH
- 30 ft Ethernet Patch Cable - Part # 3EC-030ETH
- 50 ft Ethernet Cable - Part # 3EC-050ETH

The following are the steps needed to connect an Ethernet Camera to the G1 Gateway

Step One:

Mount the camera to the desired location. It is recommended to use the Ethernet cameras in the cab when possible.



Step Two:

Connect the RJ45-to-8-pin adapter to the ethernet camera cable and connect the RJ45 side to the power injector box on the side with a red sticker labeled "Warning, Connect to PoE Device only".

Step Three:

Next, connect the 3ft Ethernet Cord to the PoE Injector on the side stating, "Data In".

Step Four:

Connect the other end of the Ethernet cord to the Ethernet port on the G1 Gateway. Port 7 is closest to the antenna connections, and Port 8 is closest to the HDMI port. If only one Ethernet camera is used, connect it to Port 7.

Step Five: Finally, connect the Power over Ethernet Harness to the PoE Injector terminals.

The white wire is the ground and connects to the VIN terminal screw. The other end of the harness is where the white wire connects to the chassis ground.

The black wire is ignition and connects to the VIN1+ terminal screw. The other end of the Power-over-Ethernet harness is where the black wire should connect to the chassis ignition. There is a 5amp fuse near the ignition end of the wire. There are extra ignition and ground terminals in the power harness for connecting a second Ethernet camera, if desired.

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

Contact Info & Helpful Links

Miss a Newsletter?

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

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2026 Nexteligenz Training Schedule

The 2026 Training Schedule can be viewed via the Nexteligenz webpage, or on the Heil Dealer Portal.

3rd Eye Online Webinar Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
April 16th	Camera and Digital	Webinar	8am - 1pm CST
May 14th	Camera and Digital	Webinar	8am - 1pm CST
June 11th	Camera and Digital	Webinar	8am - 1pm CST

3rd Eye Factory Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
April 8th	Camera & Digital	Factory	8am - 1pm CST
April 23rd	Camera & Digital	Factory	8am - 1pm CST
May 7th	Camera & Digital	Factory	8am - 1pm CST
May 21st	Camera & Digital	Factory	8am - 1pm CST
June 4th	Camera & Digital	Factory	8am - 1pm CST
June 18th	Camera & Digital	Factory	8am - 1pm CST

[VIEW FULL 2026 TRAINING SCHEDULE](#)

Nexteligenz 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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