HME Devices Network & System Requirements

NEXEO | HDX™

NEXEO | HDX™ Base Station
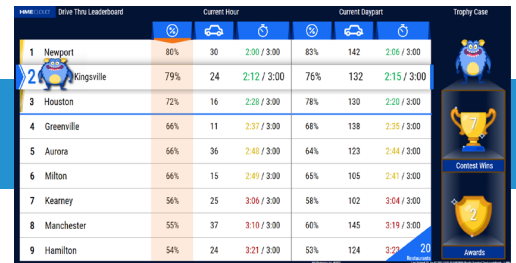

NEXEO | HDX™ All-In-One Headset

	Destination Domains	Network Ports
**1. Connecting NEXEO	HDX™ Base Station to HME CLOUD®**		
To enable the NEXEO base station to connect to HME CLOUD, it must be connected to the store's network and the following network firewall rules must be allowed:	▪ *.hmedtcloud.com	▪ Outbound, 19000, 5556 (TCP)
2. Network Time Protocol (NTP) Requirements		
To enable NEXEO	HDX to synchronize to the Internet time servers, the following network firewall rules must be allowed:	▪ pool.ntp.org ▪ 0.pool.ntp.org ▪ 1.pool.ntp.org ▪ 2.pool.ntp.org	▪ Outbound,123, UDP
**3. Bandwidth Requirements for Connecting the NEXEO	HDX Base Station to the Local Network**		
A broadband internet connection is required to use NEXEO	HDX with the following requirements:	▪ Minimum network speed: 10Mbps ▪ Physical port on restaurant network ▪ Restaurant preferred connection type: DHCP, Static, or DNA ▪ Restaurant specific IP address if DHCP connection type is not used	
4. Browsing to HME CLOUD (hmecloud.com) from your Local Network (optional)		
To access your HME CLOUD account within your local network, the following firewall rules must be allowed:	▪ *.hmecloud.com	▪ Outbound, 443 (HTTPS), TCP ▪ Outbound, 20000 through 29999 (inclusive) (HTTPS), TCP

ZOOM NITRO®

ZOOM Nitro® Timer

ZOOM Nitro® Gamification Leaderboard

	Destination Domains	Network Ports
1. Connecting ZOOM Nitro® Timer to HME CLOUD® and Drive-Thru Leaderboard™		
To enable the ZOOM Nitro Timer (including Vehicle Detection hardware) to connect to HME CLOUD and Drive-Thru Leaderboard, it must be connected to the store's network and the following network firewall rules must be allowed:	- hmedtcloud.com	- Outbound, 19000, TCP
	- *.hmecloud.com - hme-live-namespace.servicebus.windows.net - hme-live2-leaderboard.azurewebsites.net	- Outbound, 443, (HTTPS), TCP - Outbound, 80, (HTTP), TCP
Specify the port the CU will be connected to. By default, DHCP is enabled on the CU. If DHCP is not the preferred connection method, indicate No and enter the Static IP, Subnet Mask, Default Gateway, and DNS.	**CU** Port: _____ DHCP: Yes No Static IP: _____ Subnet Mask: _____ Default Gateway: _____ DNS: _____	
1a. Connecting Video Detection to ZOOM Nitro Timer (optional)		
Video Detection kit supplies a PoE switch if only 1 port is available, however, that port must supply 3 IP addresses, including the CU port. The following network firewall rules must be allowed:	- *.azure-devices.net - *.azurecr.io - *.blob.core.windows.net - global.azure-devices-provisioning.net	- Outbound, 443, (HTTPS), TCP
Specify the port(s) that the Camera(s) and VPU will be connected to. By default, DHCP is enabled on the Camera and VPU. If DHCP is not the preferred connection method, indicate No and enter the Static IP, Subnet Mask, Default Gateway, and DNS.	**CAMERA 1** Port: _____ DHCP: Yes No Static IP: _____ Subnet Mask: _____ Default Gateway: _____ DNS: _____ **CAMERA 2** Port: _____ DHCP: Yes No Static IP: _____ Subnet Mask: _____ Default Gateway: _____ DNS: _____ **VPU** Port: _____ DHCP: Yes No Static IP: _____ Subnet Mask: _____ Default Gateway: _____ DNS: _____ **INSTALLER'S LAPTOP** Port: _____ DHCP: Yes No Static IP: _____ Subnet Mask: _____ Default Gateway: _____ DNS: _____	
2. Network Time Protocol (NTP) Requirements		
To enable HME networked devices (CU, VPU, & Camera) to synchronize to the Internet time servers, the following network firewall rules must be allowed:	- pool.ntp.org - 0.pool.ntp.org - 1.pool.ntp.org - 2.pool.ntp.org	- Outbound, 123, UDP
3. Emailing Reports from ZOOM Nitro Timer (optional)		
To enable ZOOM Nitro Timer to send an outbound only email either for scheduled reports or for diagnostic purposes, the following network firewall rules must be allowed:	- api.mailgun.net	- Outbound, 443 (HTTPS), TCP
	- smtp.mailgun.org	- Outbound, 587 (SMTP), TCP

	Destination Domains	Network Ports
4. Browsing to HME CLOUD (hmecloud.com) from your Local Network (optional)		
To access your HME CLOUD account from within your local network, the following network firewall rules must be allowed:	• hmedtcloud.com	• Outbound, 20000 through 29999 (inclusive) (HTTP), TCP
	• *.hmecloud.com	• Outbound, 443 (HTTPS), TCP • Outbound, 80 (HTTP), TCP • Outbound, 20000 through 29999 (inclusive) (HTTP), TCP
5. Bandwidth Requirements for Connecting ZOOM Nitro Timer to the Local Network		
A broadband internet connection is required to use the HME CLOUD service physical port location, as well as these bandwidth requirements:	• 1 MB download & upload (Gamified) • 250 KBps download & upload (Non-Gamified)	• N/A
6. Enabling Data Export from ZOOM Nitro (optional)		
To push Raw Car Data (RCD) from ZOOM Nitro, the following network firewall rules must be allowed on the target device (PC) on your local network:	• 139 TCP • 445 TCP	

For help, call 800.848.4468 (options 1,2, and 3) or email: support@hme.com

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