




EXPerience **RESOURCE** **GUIDE**





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A photograph of three students in a classroom setting, all wearing VR headsets. They are looking towards the right side of the frame. In the background, several computer monitors are visible on desks. The image has a blue and purple color overlay.

GAMING EQUIPMENT AND EDUCATION

Demand for advanced gaming equipment and education of the overall gaming space has grown exponentially over the past three years. D&H is your one-stop-shop for all your EXPerience needs both in Esports as well as the Consumer Gaming universe!

Every gamer has their preference in the tools they use to get a cyber-athletic edge. When outfitting the unique needs of each player, keep them competitive with the modern standards.

Esports is at the center of some of the most important drivers in education encouraging an inclusive environment and nurturing social and emotional learning. A well-implemented esports program can promote student engagement, college recruitment, and retention by blending online and offline campus experiences which help to prepare students for future careers.

Laying the right technological foundation and keeping technology up to date are important factors in staying competitive in this space and can be the key to building momentum. D&H offers the right components to outfit your esports or gaming facility to optimize your experience.



GETTING STARTED WITH ESPORTS

Offer your expertise in technology to help. Schools dive into the pre-planning process to ensure that their investments and venue design support both their immediate needs and long-term goals.

IDENTIFY NEEDS AND GOALS:

Where does the school currently see themselves at in the planning process?

- ▶ *What are their expectations in comparison to...*
 - How is their program operating currently?
 - What do they want to accomplish?

What has prompted the school to start an esports program?

- ▶ *Is it due to...*
 - Student driven interest?
 - District initiative?

What games do they wish to compete in?

- ▶ *Are there specific games they want to start with due to...*
 - Minimum technology requirements?
 - Experienced players?

Will the school plan to broadcast the events?

- ▶ *What are their plans...*
 - To stream their competitions/games?
 - To obtain the right ProAV solution?
 - For different competition headsets from broadcast equipment?
 - For space available for students to learn about streaming at the school?

Where will the esports program and planning be housed?

- ▶ *Has the school appointed program representatives?*
 - Coach, Coordinator, or Supervisor?
 - Subject Matter Expert (SME)?
 - Department Faculty Member?
- ▶ *In what department will the program reside?*
 - Club?
 - Athletic Department?
 - Academic Department?
- ▶ *What area(s) of the school campus will be designated for esports?*
 - Practice?
 - Competition?
 - Events?

How does the school plan to handle associated costs?

- ▶ *Has the school...*
 - Set aside/acquired funding?
 - Explored funding opportunities?

Responses to the previous questions will equip you with the information needed to establish an appropriate starting point.

MUST HAVES:

GAMES

The basis for determining the technology needed and the specifications of such according to the games' minimum system requirements.

NETWORK

No matter what, the network is the differentiator as it will ultimately hinder or enable the success of the player/team.



ESSENTIALS FOR GAMERS



HEADSETS. Headsets allow players to hear the gameplay and participate in team discussions via microphones. It's important to consider noise-canceling

gaming headset models that are comfortable for long-term gameplay and offer sound quality that supports what players need. Avoid gaming headsets that consist of low-quality materials or have thin cables.



MOUSE. When it comes to gaming mice, there are different options that align to game types. A shooter mouse works well with first-person shooter games, while a MOBA- or MMO-style mouse offers expanded button access. A good gaming mouse should have more buttons than a traditional mouse as well as a sturdy grip.

GAMING CHAIR. This investment provides atmosphere and drive for students to stay in the venue and creates a new way to show off your space.



CAMERAS. Video production, equipment and positioning are critical to truly experience the thrill of esports. Investing in broadcast quality cameras geared toward the high-performance needs of the industry is not only a requirement in many leagues but also a necessity that provides audience engagement.



KEYBOARDS. For PC-based gamers, the keyboard is an important part of streamlining gaming and offering an ergonomic experience. The biggest feature to consider is a wrist rest to prevent injuries while using your mechanical keyboard. In addition, mechanical

keyboards have switches which offer a higher level of response and accuracy than membrane keyboards. Mechanical keyboard switches can be divided into three categories: tactile, clicky, and linear. Tactile and clicky provide confirmation when pressed to the actuation point. Linear switches do not have an actuation point thus allowing the keystrokes to register faster and may prove as useful when playing faster paced game types.

EXPERIENCE NETWORKING CAPABILITIES

The network is the differentiator that will ultimately hinder or enable the success of the player/team. Whether supporting an on-campus or off-campus esports program, schools must address critical technology issues to make sure their technology meets program requirements.



Network Latency, Jitter, Delays, and Bandwidth Bottlenecks



Continuous Availability



Network Management and Security



Constant Visibility into Network Applications and Responsiveness



Broadband Connection to the Internet



Technical Services and Support



EXPERIENCE GAMING DEVICES

When building an esports arena or the personal setup for a competitive gamer, the cornerstone is the gaming console or computer that runs the operation. Gaming laptops provide portability needed for gamers on the go, while desktops offer enhanced capacity during competitions.

The leagues that high school esports teams compete in will have guiding technology specs.

Before making initial investments, schools should get the basic specs provided by the leagues for each of the games the team will be competing in. Many offer a preview of how those tech needs will evolve in the coming year, which can help schools to invest in technology that will meet their needs over time. Often, these include guidelines on processing power, memory, hard drives, and graphics cards.

Ongoing support and services offer a host of complementary services to keep the school's fleet of gaming devices current and supported. Lifecycle management helps with upgrades, repairs, and services. Asset tagging keeps track of devices and manages setup. Laser etching identifies property to deter theft while advertising the school.

Partnering with D&H for your clients' gaming solutions allows for great business opportunities, including:



Staying connected with our team of dedicated specialists.



A reliable second set of eyes for any ongoing projects.



Collaborating with engineering resources who obtain in-field experience, to help your clients build a solution from the ground up.



Access to our Pro Services resources, which can assist with the implementation of various solutions, such as installation, and configuration.

Our dedicated business unit will present access to a portfolio of products from leading component manufacturers and upgrades for pre-built systems for any application or solution. Contact our dedicated Team to get started today.

D&H is your trusted partner for all Enterprise, Client, Gaming, and Components needs!



LOGITECH G TAKES ESPORTS TO THE NEXT LEVEL



THE WORLD'S BEST-SELLING GAMING GEAR

WHY ESPORTS? Esports promotes inclusivity. 97% of boys and 83% of girls ages 13–17 identify as gamers. Esports also expands critical thinking and Social Emotional Learning for students. Esports is one of the few sports that has constant communication and collaboration. Esports also has a passion for Stem with More than 60% of the League of Legends players major in STEM.

WHY LOGITECH G? Dedication to peak performance and advancing play are attributes Logitech G shares with esports professionals. We are proud and humbled to support the best players, in addition to all players, around the world.

ONE PURPOSE: PLAY TO WIN... As a proud supporter of the global esports community, Logitech G sponsors teams that practice the patience and sacrifice it takes to win. They're living proof that with the right combination of talent and tenacity—and the right gear—greatness is within our grasp.



PRO SERIES GEAR helps esports players take first place faster than ever. Designed in collaboration with many of the world's top esports athletes, PRO gear features the latest technology and the most refined performance, so absolutely nothing gets in the way of winning.



PRO X
GAMING
HEADSET



PRO WIRELESS
GAMING
MOUSE



PRO WIRED
GAMING
KEYBOARD



BUILT WITHOUT LIMITS

Purpose-built mice, keyboards, headsets, and webcams for the world's most passionate players, wherever they learn and however they play.



DURABLE

Gear that lasts through every victory, every defeat—every time



DESIGNED

Gear that refines every detail before it reaches the arena or lab



CUSTOMIZABLE

Gear that turns gaming into another form of self-expression

PRODUCTS

				
VENDOR CODE	52675	52675	52675	52675
VENDOR NAME	LOGITECH CORE	LOGITECH CORE	LOGITECH CORE	LOGITECH CORE
D&H ITEM#	945000023	910005565	939001985	920008984
SHORT DESCRIPTION	PC Pro Flight Yoke System	G502 Lightspeed Wireless Mouse	G A30 Wireless Headset for XBOX	G815 LIGHTSYNC RGB Gaming Keyboard
VENDOR ITEM #	945-000023	910-005565	939-001985	920-008984
(QOH) AVAILABLE	435	298	272	267

Contact the D&H Logitech Team at logitechspecialist@dandh.com or visit logitechg.com.



VENDOR CODE	52675	52675	52675
VENDOR NAME	LOGITECH CORE	LOGITECH CORE	LOGITECH CORE
D&H ITEM#	939001992	939001680	941000156
SHORT DESCRIPTION	A30 Gaming Headset for PS5	Astro A50 Wireless Headset	G923 Gaming Steering Wheel/Pedal
VENDOR ITEM #	939-001992	939-001680	941-000156
(QOH) AVAILABLE	261	255	200



VENDOR CODE	52675	52675	52675
VENDOR NAME	LOGITECH CORE	LOGITECH CORE	LOGITECH CORE
D&H ITEM#	941000119	910002864	910005878
SHORT DESCRIPTION	Driving Force Shifter	G600 MMO Wired Gaming Mouse	PRO X SPRLGHT Wireless Gaming Mouse
VENDOR ITEM #	941-000119	910-002864	910-005878
(QOH) AVAILABLE	173	131	127

Contact the D&H Logitech Team at logitechspecialist@dandh.com or visit logitechg.com.