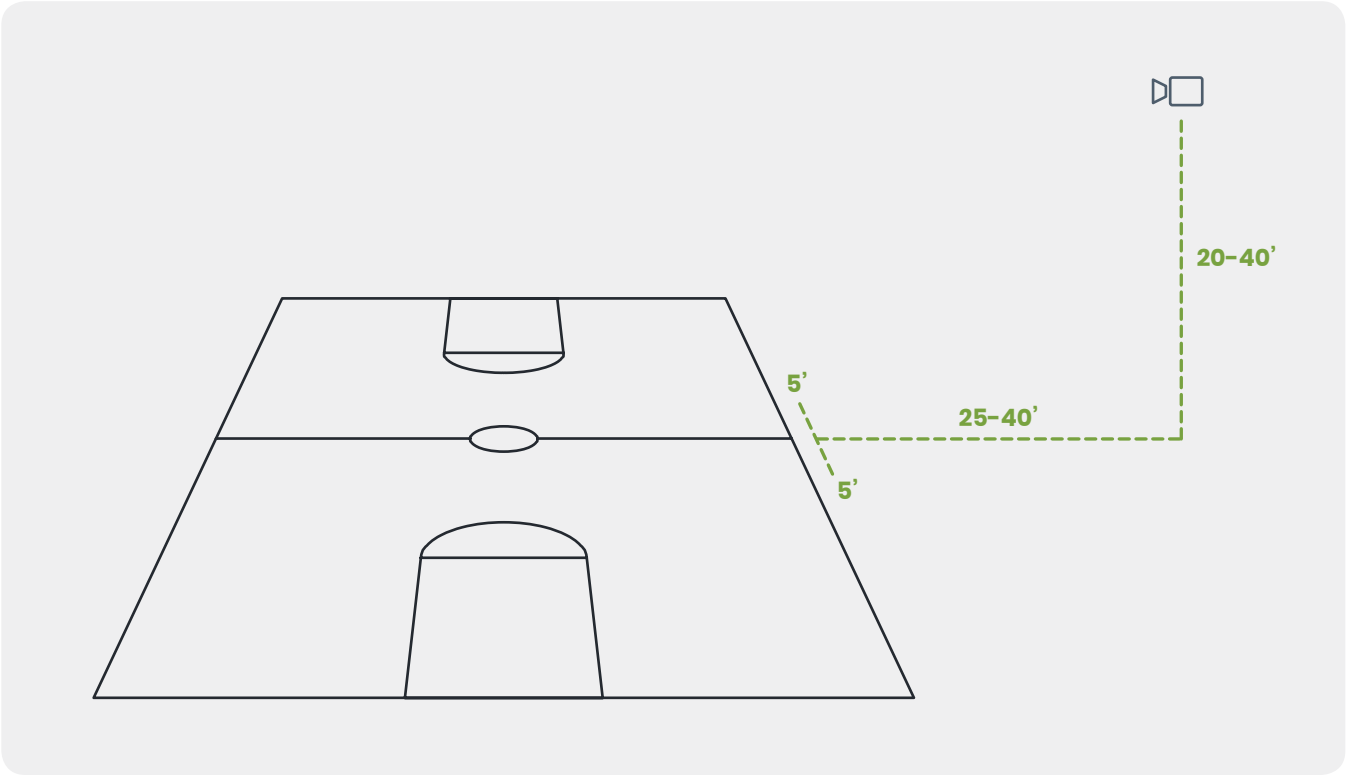
hudlfocus

Everything your organization needs for a seamless Hudl Focus experience.

Physical Requirements

Your camera needs...	Because...
A fixed location at half court, no more than five feet to the left or right of the center line.	A center court location is the only way to capture the entire field of play.
A distance of 25-40 ft. *straight back* from the sideline.	Too close and you'll lose the full-court view. Too far and you won't be able to tell who's doing what.
An unobstructed view at a height of 20-40 ft. *from the floor.*	Pairing this height with the recommended distance from the sideline guarantees a full-court view.
Access to a grounded 110v AC power outlet.	The camera runs on 110v AC power. If the two-foot power cord isn't long enough, feel free to use an extension.



Camera Access

Hudl Focus gets its IP address via DHCP, so you'll be able to identify it on your network. The camera will be named with its four-digit serial number (found on the back of the unit), e.g., focus-XXXX. Please call support at 402-817-0060 with any questions.

Technical Requirements

You need...	Because...
A wired connection to a network port. *Ideally near the mounting location.*	Hudl Focus cannot connect via Wi-Fi. You'll need to use a standard Cat 6/6a cable to connect to the internet.
Consistent upload speeds of 5Mbps or faster.	Hudl Focus uploads HD video. A reliable network is crucial in getting your video online.
Access on ports 80 and 443 cleared for `*.hudl.com` and `*.hudl.com/api/*`	The camera communicates with Hudl via API over ports 80 and 443.
Access on ports 80 and 443 cleared for `autocap-upload-use1.s3.amazonaws.com`	The camera uploads video to Amazon S3 over ports 80 and 443.
Access on ports 8883, 8443 and 443 cleared for `*.iot.us-east-1.amazonaws.com`	The camera communicates with Hudl via Amazon's Internet of Things on ports 8883, 8443 and 443.
Access on ports 80 and 443 cleared for `*.dataplicity.com`	The camera receives software updates using the Dataplicity service on ports 80 and 443.
Access on port 123 cleared for `*.pool.ntp.org`	The camera communicates with NTP time servers on port 123 to keep the device's date and time in sync.
Access on ports 80 and 443 cleared for `autocap-updates.s3.amazonaws.com`	The camera will receive periodic updates through ports 80 and 443.
Access on ports 80 and 443 cleared for `*sentry.io`	Hudl Focus uploads crash reports so we can debug if anything isn't working.
Access on ports 80 and 443 cleared for `ports.ubuntu.com`	The operating system will recieve periodic updates through ports 80 and 443.

*Make sure you have the green light at **hudl.com/speedtest**.*
Run the test on any device connected to whichever network you plan to use for Focus.