



PREVIEW

PLEASE

Video Surveillance Foundations

Vihon Associates



You don't have to be the security expert, just remember to ask...

PLEASE

Purpose

Lighting

Environment

Area to be Viewed

System Monitoring

Economics

PLEASE is a simple acronym that helps you remember the first-steps in information gathering for any video surveillance security system.

Ask these questions and contact www.MidChes.com or any other security expert, and you'll get more detailed information to make the best decision.



P

“Purpose” of the system is one of the most important aspects of CCTV system design.

- How will the systems be used? Security surveillance, life safety, inventory, or manufacturing process?
- Will the system be recorded? If so, what are the storage requirements?
- Will the system have “Live Viewing” monitoring stations? If so, how many monitoring locations?
- Will the system utilize Alarm inputs, or Motion Alarms?
 - Note: Any alarms to the system add PURPOSE and come in many forms of integration, but the bottom-line is the same. They give a reason to record or prioritize the video, and/or have an operator’s response.
- Will the cameras be Fixed or PTZ?
 - Note: A PTZ camera without a live operator to assess is not your best option. Approximately (3) fixed cameras equal the cost of (1) PTZ. Thus, higher security with less maintenance for the edge device. With IP systems other consideration needs to be given to bandwidth and storage.
- What camera resolution and frame-rate by used? Analog Standard Definition SD, IP High Definition HD 720P, 1080P, or 4K ultra HD?
- How many days of recording or how much storage is required? 7 days, 30-days, or more?

Connectivity?

- Analog: (Coax, UTP, Fiber)
- Network/IP: (CAT-5E, Fiber, Wireless)
- Hybrid: (Analog and Network/IP)

System Operation?

- Recorded System - Some systems are for recording only and sit locked in the IT closet.
- “Live View” w/Recording - Same as a recorded system, and monitors, workstations, and “Live View” displays are added.

Get the full document [here](#)

