

# Part 7 - Moisture Detection

## Field Water Testing



# Lesson 7 - Moisture Detection Tools



# Moisture Detection



# Moisture Detection





# Moisture Detection

- Infrared Camera
  - Detects changes in temperature
  - Water will not show up if there is no change in temperature.
  - Water usually shows up as cooler, BUT not always.



# Summary

We can understand moisture intrusion problems, if we:

- Practice the principle of using the scientific method in our inspection and evaluations.  
Start with Unbiased Question / Gathering Stage
- Understand physics of vapor/water movement,  
Relative Humidity / Dew Point / Condensation
- Understand that there are only 4 sources of water.  
Inside or Outside / Water or Vapor
- Look closely at all sources of potential water
- Understand building envelope systems.
- Understand interior systems that have moisture.
- We don't guess – We weigh the evidence.



# Questions?

