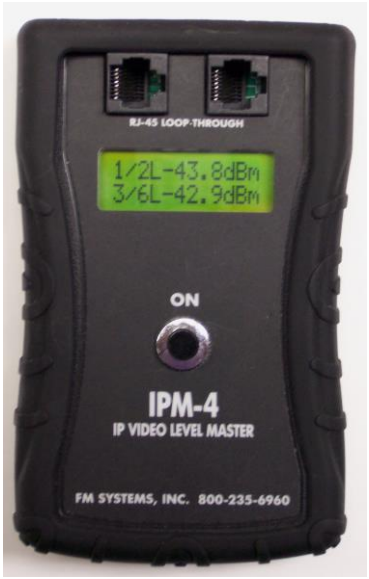
IPM-4



IP VIDEO LEVEL MASTER

The IPM-4 digital video level master is used to measure the signal quality of an IP video network. This low-cost meter makes 6 different level measurements to give you assurance that your IP video system is working within specifications. It measures the output levels of both the camera and the recorder end of the system in dBm so you can check the near-end and far-end signal levels and cable loss simultaneously. The meters unique design also measures the percentage of signal imbalance that exists on both the sending and receiving channels which contributes to cross-talk and increases the bit error rate in your digital video. Then it measures Common Mode signals in dB, a form of interference caused by phase and amplitude variations that also causes video failure.

Use this meter to verify correct equipment power levels and check for interference in the cable and the equipment output levels on any IP video network before you leave the jobsite. Do your work with the assurance that all the equipment levels in the system are correct and that the cable losses are within allowable limits. If you are not measuring your IP levels now, you need one of these meters so you can do all of your IP video jobs with the confidence of knowing the levels are correct.

This meter works with all P.O.E. signals and equipment.

Simply loop the IP video signal through the meter and press the ON button and the LCD display will read out the levels that exist on data lines 1-2, & 3-6 simultaneously. Next the LCD displays the amount of imbalance that exists on the cable in percentage. Equipment output balance and cable balance will be measured on each wire pair 1-2, & 3-6. Then the LCD will display the amount of Common Mode signal in dB that exists within the IP video signal.

Use this meter for installations and on repair jobs to instantly access the source of intermittent or non-responsive IP video systems. You can immediately determine if the problem is an equipment problem or a cable problem without having to swap out equipment or mess with the cables and you will save hours of trial and error time. Near lightning strikes can damage the output of an IP camera or NVR and go un-detected causing the video to be intermittent, but with this meter you can measure the output levels, signal balance, and common mode interference on the system in seconds to determine if the equipment has been affected and which end of the system needs your attention. Measuring signal levels is a vital step in knowing your IP installation meets the standards.

When you make measurements, you can offer to give your customers a "QUALITY ASSURANCE JOB RECORD" detailing the system operating levels for a "Proof of Performance" document and in this way you will be able to offer the client more value than your competitors. The offer of a Proof of Performance document also looks good on government bids because it shows a level of expertise that will help you to win the bid. Order the IP Video Level Master today and do your next job with confidence.

IP VIDEO INPUT	**SPECIFICATIONS**
Standard	IP Video Standards
Range	+18 to -45 dBm
Impedance	Hi-Z
Connectors	2 8P8C (female)
MEASUREMENTS	
Display	2 line x 12 Character LCD
Data Level on wires 1-2	Reading in dBm @ 100 Ohms
Data Level on wires 3-6	Readings in dBm @ 100 Ohms
Balance on wires 1-2	Reading in Percent (%)
Balance on wires 3-6	Reading in Percent (%)
Common Mode on wires 1-2	Reading in dB
Common Mode on wires 3-6	Reading in dB
MECHANICAL	
Network Connectors	2 8P8C (Straight) Loop Through
Power	9 Volt Battery
Size	5.50"L X 3.25"W X 1.03"D