



QUALIFIER X·RAY

Qualifier X-Ray™ utilizes the same patented home qualification technology found in ComSonics' CyberTek Qualifier™ system. Although both of these products allow qualification of a homes return path without intrusion, Qualifier X-Ray does so in a much smaller, ergonomic form factor and at a much lower price.

The X-Ray system consists of a handheld meter featuring one button operation and a vehicle mounted ingress transmitter. By pressing the meters one button, the transmitter emits a coded pulsed signal, which permeates customer premise wiring where shielding flaws exist. The coded pulsed signal is then measured at the tap or ground block by the meter and displayed in a dBmV format. An additional user elected PASS/FAIL reading can be displayed, comparing recovered results to the user adjustable threshold setting.

www.comsonics.com



Connect Qualifier X-Ray

Press Button

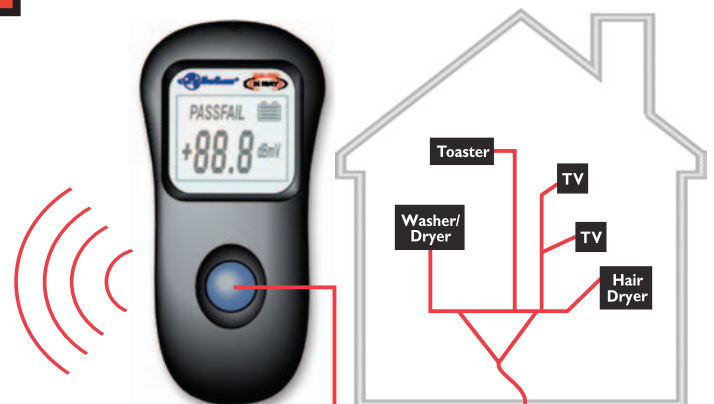
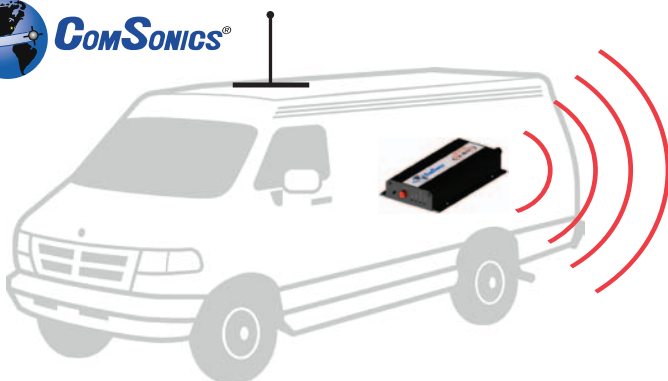
X-Ray Tests Signal

Vehicle Mounted Transponder Receives Request

Vehicle Mounted Transponder Emits Test Signal

Test Signal Illuminates In-Home Wiring

X-Ray Measures Ingress



Qualifier X-Ray Specifications

Hand Held Device (HHD)

OPERATIONAL CONTROL

Single Button

INPUT FREQUENCY RANGE

27.45 to 27.49 MHz

INPUT LEVEL RANGE

-30 to +30 dBmV

ACCURACY

+2.0dB

THRESHOLD FUNCTION RANGE

-20 TO +30 dBmV (User Selectable)

TRIGGER SIGNAL

434 MHz

POWER SOURCE

(3) AAA Alkaline Cells

DISPLAY

Custom 1.2" x 1.5" (30 mm x 39 mm)
With Backlight

AUTO POWER OFF

10 Seconds

SIZE

5.5" x 2.5" x 1.75" (140 mm x 64 mm x 44 mm)

WEIGHT

0.5 lbs (0.23 kg)

OPERATING TEMPERATURE

0°F to 120°F (-18°C to 49°C)

STORAGE TEMPERATURE

-20°F to 150°F (-29°C to 66°C)

HUMIDITY

Moderate Rainfall



Vehicle Mounted Device

OUTPUT FREQUENCY

27.45, 27.47 or 27.49 MHz
(User Selectable)

OUTPUT POWER

5 Watts, EIRP

USER CONTROLS

Power On/Off & Test

INDICATORS

Standby, Power, Receive & Transmit

POWER SOURCE

12 VDC Negative Ground, < 8 Watts

SIZE

6" x 3.5" x 1"
(150 mm x 90 mm x 26 mm)

MOUNTING

Fixed

OPERATING TEMPERATURE

0°F to 140°F (-18°C to 60°C)

STORAGE TEMPERATURE

-20°F to 150°F (-29°C to 66°C)

HUMIDITY

0 – 95% Non-Condensing

QUALIFIER ANTENNA

Dual Band, Magnetic Mount

