

# VFR-28



## VIDEO FORMAT READER

The VFR-28 meter will identify the video format and number of lines of definition of any TVI, CVI, CVBS, and PAL analog video signal. When connected to a video signal it identifies the format and number of Lines of definition of the video signal and displays that information on the LCD display. The ability to measure the video format and lines of definition will help you identify and verify any unfamiliar camera you come across in your work. When installing new cameras, determining the compatibility of existing video sources in the system will save you time and money when selecting video cameras and equipment to match the system. With the multi-format cameras and DVRs available today it is easy to identify the output they are set to, which could save you a lot of time troubleshooting miss-matched video formats on the job. It will measure the format of 28 different video signals including HD-TVI, HD-CVI, AHD, CVBS, YPbPr, RGB, PAL, and any composite analog video signal.

The VFR-28 has a comfort grip hand-held case made of flame retardant ABS plastic with a flame rating of 94-5VA. A battery compartment door allows easy access to the 9-Volt battery that powers the device. The meter comes with an impact resistant rubber boot to protect it during daily use.

This meter uses a "battery check" system to monitor the battery condition and the LCD display lets you know when it is time to change the battery. The LCD has a backlight feature so you can use the meter in total darkness if needed. Just push and hold the power ON button and the unit will start measuring, and the display will backlight for easy reading in the dark.

## VFR-28

### FEATURES

#### Input Video Formats

### SPECIFICATIONS

1080I SMPTE 274M  
1080P SMPTE 274M  
1080Psf SMPTE RP 211  
1080P HD-TVI, HD-CVI & AHD all versions  
720P SMPTE 296M  
720P HD-TVI, HD-CVI & AHD all versions  
576I ITU-R BT.601 (PAL)  
576P ITU-R BT.1358  
480I SMPTE 170M (NTSC)  
480P ITU-R BT.1358

VIDEO TYPES: CVBS, NTSC, PAL, AHD, CVI, and TVI

VIDEO FRAMES: 12.5 fps, 20 fps, 25 fps, 30 fps, 50 fps, and 59.94 fps.

VIDEO LINES: 262.5 I, 720P, 1080P, 3MP, 4MP, 5MP, 1080PsF

This combination of video parameters total 28 different format types.

\* 1080PsF is a Progressive Segmented Frame video signal and reads as 1080i.

Input Connectors	1 BNC Female
Input Impedance	75 Ohms
Display	2 X 12 Numeric LCD
Battery	9 Volt Standard
Dimensions	3.250" X 6.00" X 1.00"
Material	ABS 94-5VA rated & Impact Resistant Rubber Boot

If you have any questions, please call us at: 800-235-6960 or  
E-Mail us at [fmsystemsinc@sbcglobal.net](mailto:fmsystemsinc@sbcglobal.net).