

# Remote Visual Inspection System

## Video Borescope MVB-55 series

### Cost effective way to reliability inspection

The new revolutionary palm-sized portable video borescope with built-in 3.5" active TFT display is the ideal field inspection partner for all plant engineers with quick and easy still image capture or image video recoding at any inspection area.

- This new field inspection video borescope offers the ability to capture color still image or video recoding with an internal CMOS image sensor via a strong LED light source at the insertion tube for remote visual inspection tasks. Capabilities just like any others expensive industrial borescope but at a more affordable entry. MVB-55 series is compact, light-weight to carry around to any location with quick detachable insertion tube of only 5.5mm diameter size for immediate view on object to be inspected. MVB-55 rubberized control offer firm grip to user when handle on palm. Various length selection options for user to meet their flexible application requirement at field with high quality digital image.

#### Features:

- ✓ Quick image capture or video recording
- ✓ Quick image review on device
- ✓ Better grip rubberized housing
- ✓ Active 3.5" TFT color LCD display
- ✓ High quality digital image
- ✓ Powerful LED light source
- ✓ SD memory slot
- ✓ Built-in rechargeable battery
- ✓ Wide range tube length option
- ✓ Video output
- ✓ Date/time setting
- ✓ Auto power off setting
- ✓ Power indicator
- ✓ Language selection
- ✓ Video format NTSC/ PAL
- ✓ Compact carry case



Water proof trolley case for 10m, 20m and 30m option

**Application:** Industrial inspections of rotating equipment, plant drainage /water piping, process valve, engine, boilers, vehicles, turbine, electronic parts, inaccessible areas within steel tower, food processing and manufactured goods, etc.



Model option with various tube lengths: 1m (Order No.MVB-55001), 2m (Order No.MVB-55002), 3m (Order No.MVB-55003), 5m (Order No.MVB-55005), 10m (Order No.MVB-55010) and 30m (Order No.MVB-55030) or MVB-AT series 2-way articulate tube.

Visit [www.metzin.com](http://www.metzin.com) or contact your nearest agent for order number and quotation.

MVB-55 series portable video borescope is ideal for any flexible inspection area with enhanced brightness and image clarity

**Technical Specifications**

Display	Built-in 3.5" TFT LCD
Static Resolution	640x480 Pixels
Dynamic Resolution	320x240 Pixels
Image Sensor	Semiconductor CMOS
Frame Rate	Approx. 30fps
S/N Ratio	42dB
Exposure	Automatic setting
Housing Materials	RoHS Directive
Control Dimension	79 x 118 x 207(mm)
Weight Control Display	Approx. 600gram
Insertion Tube (outer dia.)	Ø5.5mm
Field of View	67° Standard
Depth of Field	15mm ~100mm
Tube Length Option	1m /2m /3m /5m /10m /30m
Illumination	x4 white LED source
Operating Temp.	-20°C ~ 70°C
Water Proof	IP67, Insertion tube ONLY
Power	DC 5 Volts
Built-in Battery	3.7V Rechargeable Li-Polymer
Interface	Mini USB 1.1 / AV out
Memory	SD card 2GB
Compression Format	MPEG4
Image Format	JPEG
Video Recording Format	ASF
Video Output Format	PAL/ NTSC
Language	English
Package Weight (inc. std case)	Approx. 2.2Kg (w/3m tube)



MVB-55 series in standard carry case



30m insertion tube package in water proof carry case

**Standard Delivery**

1. MVB-55 series main control display w/ built-in rechargeable battery
2. Detachable Insertion tube Ø5.5mm (0.216"), (Tube length depend order no.#)
3. Memory card SD 2GB
4. Operating manual, English
5. USB com cable
6. AV monitor cable
7. Tip cleaning cloth
8. Tip clean bud
9. AC charger 100V~240V, 50~60Hz
10. Certificate of Compliance, FCC and EMC std
11. Standard carry case w/ form inserted

**Optional Accessories**

12. 35° side view mirror(35°~70°) tip adaptor
13. 45° side view mirror (45°~90°) tip adaptor
14. 55° side view mirror (~60°~120°) tip adaptor
15. 8" External LCD display
16. Water-proof cargo trolley case

Distributor:

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