

SB-TVMREAR-HD

HD SCHOOL BUS MIRROR REAR VISION KIT



The SB-TVMREAR-HD combines a 7" HD monitor built within a rear view mirror of a school bus, and includes the 650FHD back-up camera which automatically displays when in reverse gear. Without having to add additional equipment to the driver area, the SB-TVMREAR-HD conveniently replaces the standard rear view mirror of a school bus. When the monitor is not activated, it disappears, and a normal mirror view reappears. The SB-TVMREAR-HD offers 1080p resolution and is equipped with parking lines to assist when maneuvering backwards. Use as a standalone back-up camera system or in conjunction with your Safety Vision recorder!

MONITOR

SCREEN SIZE

7 in. TFT-LCD

ASPECT RESOLUTION

800(H) × 480(V)

BRIGHTNESS

800±100cd/m²

REFLECTIVITY

>40%

SIGNAL FORMAT

AHD 1080p, 30fps

OPERATING VOLTAGE

10V ~ 16V DC

RELATIVE HUMIDITY

0%-90%

STORAGE TEMPERATURE

-40° F ~ 185° F (-40°C ~ 85°C)

OPERATING TEMPERATURE

-4° F ~ 167° F (-20°C ~ 75°C)

DIMENSIONS (L × W × H)

30.9 × 2 × 7in (785.1 × 177.8 × 50.86mm)

FEATURES

- School Bus Mirror/Monitor Combo
- 1080p HD resolution
- 130° FOV back-up camera

CAMERA

IMAGE SENSOR

1/2.9" CMOS

FRAME RATE

25 fps / 30 fps

EFFECTIVE PIXELS

1920(h) × 1080(v)

RESOLUTION

1080P

FOCAL LENGTH

2.8mm

FIELD OF VIEW

130°

INFRARED ILLUMINATORS

4

NIGHT VISION DISTANCE

8 ~ 15m

ELECTRONIC SHUTTER

1/25 (1/30) ~ 1/50,000 Seconds

SCANNING SYSTEM

Progressive Scanning

SYNC. SYSTEM

Internal

SIGNAL-TO-NOISE RATIO

>52dB

AUTO ADJUSTMENTS

White Balance, Auto Gain, Back Light Compensation

AUDIO

Integrated microphone

IP RATING

IP69K

GAMMA CONSUMPTION

0.45

ANTI-VIBRATION

ISO 16750-3 (Max. 17.3G)

POWER REQUIREMENT

12V DC

VIDEO OUTPUT

1.0Vp-p, 75Ω

OPERATING TEMPERATURE

-4° F ~ 158° F (-20°C ~ 70°C), RH 95% max.

STORAGE TEMPERATURE

-22° F ~ 175° F (-30°C ~ 80°C), RH 95% max.