

VEHICLE LED Film Viewer

FV-2009 PRO-V



- ▶ Dual-use for vehicle-mounted and AC power sources
- ▶ Waterproof Type
- ▶ All the components are sealed

MAX. $L \geq 105,000 \text{ Cd/m}^2$ $g=0.90$ $\sigma'=0.95$

Characteristic:

- Luminance : $105,000 \text{ Cd/M}^2$ (329,700Lux)
- Dual-use for vehicle-mounted and AC power sources
- Waterproof & Durable, IP65 Rated
- Free of corrosive air and moisture
- 13 Steps dimmer from 0%-100%
- Weight less than 2.5 Kg
- Free 2 years service guarantee

The FV-2009 PRO-V is specially designed for use in vehicles and in the field. It can be powered either through the 12V car cigarette lighter socket or used with a 110V-220V AC power supply. This allows it to be conveniently connected directly to a vehicle without the need to purchase an additional and expensive inverter.

Since the device is fully sealed, it is waterproof and can be used to directly view wet films. Equipped with ultra-bright LED chips, it is capable of handling films with a density of up to 4.0. It can be considered the best choice for mobile field work currently available.

Spare parts list:

Description	Quantity
Car Cigarette Lighter with 5m Cable	1
Foot pedal	1
Carrying bag	1
Light mask (150 x 45mm)	1
Instruction and report (English)	1



Specification:

IP 65 Rated	Viewer window: 200×60mm
Car Cigarette Lighter POWER: 12Vdc	AC POWER: 85-264VAC 47~63Hz. (Full range)
Dimension: 17.9×5.5×2.6" 455×140×65mm (L*W*H)	Weight: 5.5pounds(2.5kg)



ISO 9001 Registered

PRODUCT CERTIFICATE

PRODUCT	Industrial LED film viewer
MODEL	FV-2009 PRO-V
SERIAL NO.	3020001
MEASUREMENT BASED ON	EN 25580 / ISO 5580 / ASTM E 1390
MEASUREMENT RESULT	QC Passed

Testing Report:

Maximum Luminance: 105,000 Cd/M² Uniformity g: 0.90

Diffusion factor σ': 0.95 Maximum Reading Density: 4.0 H/D

Film Density	ASTM/EN/ISO	TEST
	MIN. Cd/m ²	MAX. Cd/m ²
2.21	30	690
2.72	10	54.25
3.80	10	17.18
4.50	10	3.45

NOTE: The luminance mentioned in above table is measured light through the film.



INSPECTOR

INSPECTOR 3

MANAGER

INSPECTOR 1

Date of Measurement: 2025.2.18

Lu Cheng NDT Equipment Corp.

