



## Product Specification

### Model No. MO4—7” QUAD Color Monitor

The SmarTruck HD MO4 7” Color LCD monitor is IPX1 rated waterproof and is designed for rugged applications that require 4 or 5 camera automatic switching. These monitors have multiple camera display modes that include, single camera, split-screens, tri-view, POP and QUAD modes. And an Advanced OSD Menu makes programming the automatic camera switching easy. These monitors include: a power harness, sun-visor, cradle mount or optional AMPS mount and is protected by our Standard Extended-Duty 5 Year Warranty.



Model No. MO4



MO4 (with standard cradle mount)



MO4 (with optional AMPS mount)

### Product Specification

Model No.	MO4
Channel Display	Full / Split / POP / Triple / QUAD
LCD Panel	7 inch
Active area	153.6(H) x 86.64(V)
Pixel Pitch	0.192(H) x 0.1805(V)
Resolution	800(H) x 480(V)
Viewing angle	UP: 70° / Down: 60° / Left: 75° / Right: 75°
Power Source	DC9.6V ~ DC32V
Contrast ratio	500:1
Brightness	450 cd/m2
CAM D Video In	1 [CAM: D]
Connector	RCA Type
Input signal	1V(p-p)
Impedance	75 Ohms
Camera Mini Din In	4 [CAM: A,B,C,R]
Connector	6PinMiniDIN Type (Standard)
Input video signal	1V(p-p)
Impedance	75 Ohms
Input audio signal	1V(p-p)
Power Output for camera	DC12V (300mA Max)
CAM D Audio In	
Connector	RCA Type
Input video signal	1V(p-p)
Impedance	1K Ohms
Composite Video Live Out	
Connector	RCA Type
Input signal	1V(p-p)
Impedance	75 Ohms
Audio Live Out	
Connector	RCA Type
Input signal	1V(p-p)
Impedance	1K Ohms
CAM Out	
Connector	RCA Type
Input signal	1V(p-p)
Impedance	75 Ohms
Dimension	
W X H X D	182.8 X 168.5 X 103.6mm
Weight	N.W./G.W.: 1.5kg / 2.1kg
Environmental	
Operating Temperature	-20°C ~ 70°C (14°F ~ 158°F)
Storage Temperature	-30°C ~ 80°C (-22°F ~ 176°F)
Humidity	20% ~ 80%
Weatherproof	IPX1

### Monitor Features

- Advanced OSD Menu for easy programming
- Support up to 5 Camera Inputs
- Provide 1 Video/ 1 Audio Signal Output (Live Out)
- Support Single/Dual/Triple/QUAD screen CAM Out
- Triggers for automated switching of each camera
- Auto camera power on with turn signals, reverse gear, etc.
- Auto Day and Night Control via Photo Diode Sensor
- Auto Detection for NTSC / PAL video system
- OSD Control for NORM/MIRROR image on each camera
- Manually SELECT CAM A, CAM B, CAM C, CAM R, CAM D
- Power Input 9.6V ~ 32V vehicle power source
- Anti-shock heavy-duty die-cast aluminum housing