

# 360° 7" & 10" Vehicle Monitoring System

**stortech** | Components and  
CCTV Specialist

SMF-740/360AI & SMF-  
1040/360AI



## SMF-740/360AI & SMF- 1040/360AI

7" & 10" Monitoring Solution, with 4 x intelligent  
Pedestrian & Vehicle Detection 360° System



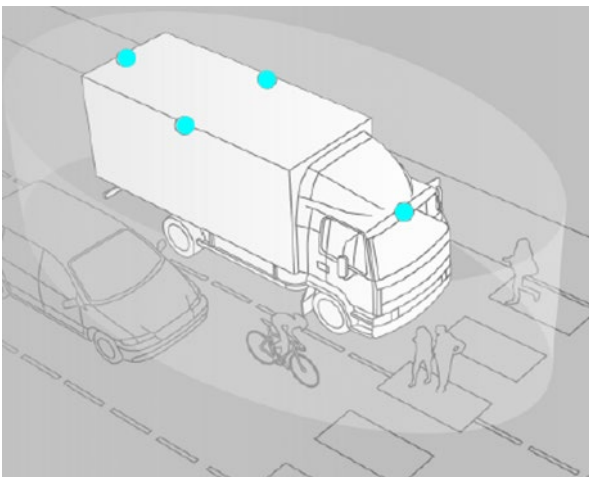
### Key Features

- 7" & 10" 1024 x 600 HD Monitor
- 1080P, 1.78mm lens (Camera)
- Integrates 360AVM Algorithm for Panoramic Images
- Intelligent Pedestrian & Vehicle Detection
- Detection Range 8 – 10m
- Easy Set up via Smart Phone App
- IP69K/IK10

### Ordering Information

SMF-740/360AI Kit 7" 1080P, LED Monitor & 4 x 1.78mm  
cameras, intelligent Pedestrian & Vehicle Detection 360° System  
SMF-1040/360AI Kit 10" 1080P, LED Monitor & 4 x 1.78mm  
cameras, intelligent Pedestrian & Vehicle Detection 360° System

## Illustrations



## Specifications

### SMF-0740/360AI Kit & SMF-1040/360AI

<b>MONITOR</b>		
LCD Size	7"	10"
Resolution	1,024(H) X 600(V) 3(RGB)	
Contrast	700:1	600:1
Maximum Brightness	600cd/m <sup>2</sup>	
Response Time	10 - 15ms	
Start-up Time	2 sec	
Viewing Angle	Hor. L (85) R (85) Ver. UP (85) Down (85)	
Video Synchronisation	Yes	
Video Compatibility	PAL / NTSC auto-switching	
Video Input	4-Channel Supporting	
Video Compatibility	4 x 1080P @ 25ips	
Video Compression	H.264 quad core ARM Cotex-A53 SOC	
Video Display	Split Screen/ Full Screen - 3D/2D switchable views	
Aspect Ratio	16:9	
Remote Control	Full-functional	
360° View	Integrated 360AVM algorithm for panoramic images	
SD Card	Supported 512GB max – up to 133 hrs video recording	
Number of Speakers	1 x built-in	
Audio Inputs	4 x One-way inputs	
Speaker output	1W / 8Ω	
Volume Control	± Power On/Off	
Alarm Triggers	5 separate triggers	
Video Connections	RCA / 4pin connector (Optional)	
<b>ENVIRONMENTAL</b>		
Operating Temperature	-30°C - +70°C, RH90%	
Storage Temperature	-40°C - +80°C, RH90%	
Anti-Vibration	2.1G	
<b>ELECTRICAL</b>		
Power input	10 – 32V DC	
<b>MECHANICAL</b>		
Materials	Plastic & With Black Rubber Painted	
Mounting Bracket	Yes, U-shaped made of metal	
Weight	0.3Kg	0.4Kg
Dimensions	203 x 112 x 28mm	267 x 159 x 30mm
<b>CAMERA</b>		
Imaging Device	1/2.9" Colour CMOS Sensor	
Resolution	1080P	
Min. Illumination	Colour: 0.01Lux @ F1.2	
Frame Rate	25fps	
Video Output	1 V pk-pk 75Ω	
Video Format / Coding	MP4 / H.264	
S/N Ratio	>52dB	
Gamma	0.45	
Back Light Compensation	Auto	
White Balance	Auto	
AGC	Auto	
Electronic Shutter	1/25 ~ 1/50,000 Sec	
Microphone	Built-in	
Pedestrian & Vehicle Detection	Range 8 – 10m Optimum mounting height 2.5 – 3.5m	
Output mode	AHD/CVBS/Fast ethernet	
AHD/CVBS/Fast ethernet	RTSP/ISO17215 (Road vehicles)	

<b>LENS</b>	
Focal Length	1.78mm
Field of View (H)	177°(H) x 9°(V)
Lens / Mount Type	Fixed Iris / Mega pixel Board-in type
<b>ENVIRONMENTAL</b>	
Operating Temp/ Hum	-20°C ~ +70°C /70% RH
Storage Temperature	-30°C - +80°C, RH70%
Ingress Protection / Vandal Resistance	IP69K / IK10
Anti-vibration	ISO 16750-3 (Max 5.9G)
<b>ELECTRICAL</b>	
Power	10 - 32V DC 25W
Power interface	RCA / 4pin connector
<b>MECHANICAL</b>	
Colour / Material	Black, Metal
Dimensions (W x H)	103*53*66.5 mm
Weight	500g
<b>CERTIFICATION</b>	
	CE/UKCA IP69K

Customers who bought our 360° 7" Vehicle Monitoring System also viewed:



**Stortech IP Micro-Dome Series**

- SNV-20XX0C/FS
- SNV-20XX0C/FAS
- SNV-20XX0T/FS



**Stortech Hybrid Mobile Recorder:**

- SRH-04020/MW
- SRH-08020/MW



**Stortech Driver Monitoring Cameras**

- SHC-2028C/I