

CAR SAFETY SYSTEM

2-Cam Back Up Mirror Monitor w DVR System

FEATURE

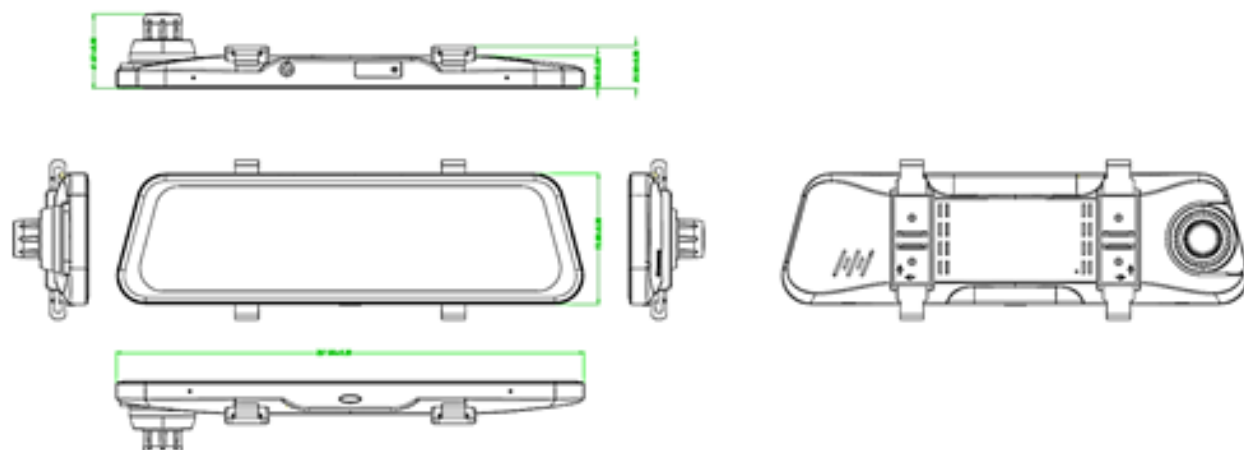
- 9.66" Bright LCD Panel
- 2 Way cam record
- Clear Silver Glass
- TF Card Record
- Secured TF Cover



SPECIFICATION

Model Name	XVRM-R96
System	MSTAR MSC8336
LCD screen size	9.66 inch Resolution 1280*320
Glass	Anti Glare and Silver Glass
Front Camera	1920*1080 30 fps
Rear Camera	1280*720 25 fps
Video Format	MOV
Memory Card	TF Card
Memory card capacity	MAX Support 256G
Power interface	12V
Frequency	50HZ/60HZ
Working Current	700mA
Microphone/horn	Support
Language	English - Spainese - Japanese - Russian
Operating temperature	-20°- 70°
Storage temperature	-30°- 80°
Dimension	257.66mm(W)X72.00mm(H)X41.07mm(D) 10.14"(W)X2.83"(H)X1.62"(D)

DRAWING



Picture and specifications are subject to change without notice.

XRM-731 / 732 / 733HDN :7 Inch AHD Rearview System

Features



- 7inch Digital HD Rearview Monitor
- High-Res: 1024 (RGB) x 600 pixel
- Dimmer by CDS sensor(On/Off Automatic adjustment)
- 12-32V Free Voltage in Input Power
- 1/2/3CH camera Input & Triggers Input
- Sun-visor attachable
- Display Mode (Split 1, 2 / PIP 1, 2, 3, 4)
- Fan bracket & Sun Visor included

* Option: Waterproof housing (IP64) & Shutter camera connectable*

Model	XRM -731HDN	XRM -732HDN	XRM -733HDN
Panel Size	7" LED Panel (16:9 Wide Screen)		
Video System	NTSC/PAL/SECAM Automatic detection		
Resolution	1024 X (RGB) 600 Pixels		
LCD Brightness	500cd/m ²		
Field of View	Top 70° / Bottom 75° / Left 75° / Right 75°		
Parking Line	Automatic display by R gear or Off Parking Line Width Adjustable		
Dimmer	Automatic by CDS sensor or Manual Adjustment		
Camera Input (AHD 2.0RX/ CVBS Support)	1 CH	2 CH	3 CH
Audio Input	1 CH	2 CH	3 CH
Audio Output	0.5 W mono speaker		
Waterproof	IP64		
Camera Connector	4 Pin mini-din		
OSD	Multi-Language (ENGLISH, JAPANESE, DEUTSCH, ITALIAN, FRANCAIS, DUTCH, SUOMI, ESPANOL, SVENSKA)		
Power Input	DC12-32V/Automatic Power On/Off by ACC		
Operating Temp.	-20°C ~ +70°C		
Storing Temp.	-30°C ~ +80°C		
Size	181 x 122 x 24(mm) / 7.12"X4.8"X0.94"		
Weight	430g		

Heavy Duty Full HD Backup Camera



Features

- Excellent Night View(0Lux)
- 1/2.9" SONY Progressive Scan CMOS Image Sensor
- WDR(Wide Dynamic range)
- High-Resolution 1080p @30fps
- LED Auto On/Off CDS Sensor
- True Day & Night (IR filter changeable)
- Full Waterproof IP69
- 10 x Infrared LED
- Built in Microphone
- Die Cast Aluminum Housing.



Wide Dynamic Range



True Day & Night



2MP AHD 1080P @30fps

Model	XCR-H41C
Image Sensor	1/2.9" SONY Progressive Scan CMOS Image Sensor
Total Pixels	2000(H) X 1121(V)
Number of effective pixels	1984(H) X 1105(V) , 2.19MP
Video Signal System	AHD , Internal
Max,Video Resolution	1080p@30fps
S/N Ratio	50dB or more (AGC OFF)
Minimum Illumination	0Lux (With IR LED)
Lens	2.45mm , (F2.0), 150°
OPTION	Mechanical Day & Night (IR filter changeable)
Power Input range	7.5V ~ 30V
Power Consumption (DC 12V)	IR ON Max (180mA) , IR OFF Max (90mA)
Size	84(W) x 57(H) x 50(D)mm /3.3"(W) x 2.24(H) x 1.96"(D)mm
Temperature Operation	-30°C ~ 85°C
Ambient Humidity	RH 85% max.
Weight	Approx. . 0.5kg

Heavy Duty Full HD Rearview Camera



Features

- Excellent Night View(0Lux)
- 1/2.9" SONY Progressive Scan CMOS Image Sensor
- WDR(Wide Dynamic range)
- High-Resolution 1080p @ 30fps
- LED Auto On/Off CDS Sensor
- True Day & Night (IR filter changeable)
- Full Waterproof (IP69K)
- 5 x Infrared LED & 1 x CDS Sensor
- Built in Microphone
- Die Cast Aluminum Housing.



Wide Dynamic Range



True Day & Night



2MP AHD 1080P @30fps

Model	XCR-H31C
Image Sensor	1/2.9" SONY Progressive Scan CMOS Image Sensor
Total Pixels	2000(H) X 1121(V)
Number of effective pixels	1984(H) X 1105(V) , 2.19MP
Video Signal System	AHD , Internal
Max,Video Resolution	1080p@30fps
S/N Ratio	50dB or more (AGC OFF)
Minimum Illumination	0Lux (With IR LED)
Lens	2.5mm , (F2.0), 145°
OPTION	Mechanical Day & Night (IR filter changeable)
Power Input range	7.5V ~ 30V
Power Consumption (DC 12V)	IR ON Max (150mA) , IR OFF Max (70mA)
Temperature Operation	-30°C ~ 85°C
Ambient Humidity	RH 85% max.
Weight	Approx. . 0.5kg

Heavy Duty Side Camera

IP 69K Support

XCR-F45

FEATURE

- SONY 1080P CMOS Camera
- Analogue High Definition 1080P Support
- D-WDR
- Sharp & Wide Angle View
- Certified IP Rating
- Harsh Environment Tested
- Built In Low Light 4 IR LEDs
- Enhanced H/V Resolution
- IEC 529, IP 69K
- G-Force Rating : 30G



SPECIFICATION

Image Sensor	1/2.9" 2.12M SONY CMOS Image Sensor
Effective Pixels	1936(H) x 1097(V)
Video Signal System	AHD (Analogue High Definition 1080P)
Video Output	1080P@30fps / 1080P@25fps / CVBS@960H
S/N Ratio	More Than 48 dB (AGC off)
Min. Illumination	0.2 Lux (0 Lux at LEDs On)
BLC	Auto
IRIS	Electronic Auto IRIS
Lens (Default)	f=2.0/f=3.0mm Fixed
Operating Voltage Range	9V ~ 32V
Operating Temperature	-30°C ~ 80°C
Weight	0.42Kg
Dimension	69(W) X 61 (D) X 60 (H)

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Ultra Wide Angle Compact High-Res CMOS Camera

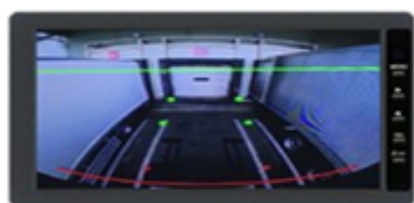


Features

- **High Quality 1/3.2" 1.2M SONY CMOS Sensor**
- **High-Res(800TV Lines) camera with a 180° angle**
- **WDR (Wide Dynamic Range)**
- **Auto White Balance & 2 DNR**
- **Waterproof IP 69K**

Model	XCR-45HC (NTSC)	XCR-45HC (PAL)
Image Sensor	ISX017 (RGBW)	
CMOS	1/3.2" 1.27M CMOS 720P 60fps	
Total Pixels	1280(H) x 960(V) = 1.23M pixels	
(Recording pixels)		
Number of effective pixels	CVBS 1280 x 480	
(Analog Output)		
Scanning System	Progressive	
Scanning Frequency	15,734KHz(H) 59.94Hz(V)	15,625KHz(H) 50Hz(V)
Min. illumination (50 IRE)	0.02 Lux (F1.4)	
AGC	Auto (Analog 30dB+Digital 42dB=72dB)	
Gamma Characteristics	0.45	
Lens (F2.2)	180°(D) x 130.4°(H) x 93.7°(V)	
Noise Reduction	2DNR	
Resolution (horizontal)	800 TV lines	
Power Input range	12V DC (7V ~ 30V)	
Power Consumption	0.8 Watt or Less	
S/N Ratio	More than 50dB (AGC OFF)	
Operating Temperature	-30°C ~ 85°C	
Storage Temperature	-40°C ~ 85°C	
Ambient Humidity	RH 85% max.	
Size	23(W) x 23.5(H) x 35(D)mm / 0.90"(W) x 0.92(H) x 1.37"(D)mm	
Accessories	Sun Shield, Mounting Bracket, Screw kits, Extension Cable and Manual	

RX-TX MONITOR WITH CAMERA



REAR CAMERA



SIDE CAMERS

MODEL NAME	XCR-100 (TX REAR CAMERA)	XCR-45NW (SIDE CAMERA)
Image Sensor	1/3" Sony CMOS	1/3" Sony CMOS
Sygnal System	NTSC/PAL	NTSC/PAL
View Angle	H,150° V,120°	180°
Transmission(Range)	Audio/Video/50m	* G-force Ratio:40G
Freaquency	2400~ 2483Mhz	* MinIllumination:0 Lux
Modulation	BPSK/QPSK/16QAM	* Adjustable view angle by Mount Bracket
Operating voltage	12~24V	9~24V
Consumption	4W	4W
Operating temperature	Minus 20~70°	Minus 30~85°
IR LED	8 LEDs	4 LEDs
Waterproof	IP68/Diecasting Metal housing	IP69/Diecasting metal housing
BLC	AUTO	AUTO
IRIS	Electronic Auto IRIS	Electronic Auto IRIS
Resolution	640 TV Line	700 TV Line
SN Ratio	More then 48db	More then 48db

MODEL NAME	XRM-700 (RX MONITOR)
Screen Size	7"
Resolution	800 x 480
Luminance	400cd
External Input	A/V1(CVBS + MONO)
Audio Ouput	Builtin Speaker
Recever	Video/Audio
Frequency	2400~2483Mhz
Modulation	BPSK/QPSK/16QAM
Operating Voltage	DC10~32V
Consumption	7W
Operating Temperature	0°~60°
Receiver(Antenna)	Built-in
Weight	370g
Demension	184(W) x 109(H) x 17(D)mm
Other	FM.TX(88.3~90.0Mhz)

7Inch Heavy Duty Quad Monitor (IP68)

7 Inch QUAD Heavy Duty Monitor



Features

- 7 Inch QUAD Heavy Duty Monitor
- 4ch Camera Inputs
- Al. Die Casting Housing (IP68)
- Trigger display by TACHO function
- 12-30V Free Voltage in Input Power
- Dimmer by CDS sensor
- Built-in circuit protection chipset
- LED buttons to improve visibility of the operation in dark
- Multi-display Mode (Mirror/Normal/QUAD/Split/Triple/PIP)

Model	XRM-W714QD
Panel Size	7"
Video System	NTSC/PAL/Automatic detection
Resolution	800 X (RGB) X 480 Pixels
Brightness	400cd/m ²
Screen Mode	16:9 Wide Screen
Field of View	Top 50° / Bottom 70° / Left 70° / Right 70°
Color Configuration	RGB Strip
Dimmer	Automatic by CDS sensor or Manual Adjustment
Camera Input	4Ch(Shutter Cam connectable in CA1)
Audio Input	4Ch(2Ch if shutter camera applicable to CA1)
Audio Output	1W mono speaker
Speaker Impedance	16 Ohm
Housing Material	Al. Die Casting
Impact Rating	7G
Waterproof	IP68
Camera Connector	4 Pin mini-din
OSD	Multi-Language (ENGLISH, JAPANESE, DEUTSCH, ITALIAN, FRANCAIS, DUTCH, SUOMI, ESPANOL, SWEDISH)
Power Input	DC12-32V/Automatic Power On/Off by ACC
Operating Temp.	-30°C ~ +80°C

5 Inch Heavy Duty Monitor

5 Inch Waterproof Digital Monitor



Features

- Full Waterproof 5" Digital Monitor (4:3)
- 1/2/3/4 CH Inputs
- Refined, but rugged mechanical design
- Al. Die-casting housing
- 12-32V Free Voltage in Input Power
- Dimmer adjustment by manual
- Built-in circuit protection chipset
- LED buttons to improve visibility of the operation in dark
- Automatic Parking Line display at a "R" gear
- Parking Line Adjustable manually according to width of the vehicle
- Display Mode (Mirror/Normal)

Model	XRM-511D	XRM-512D	XRM-513D	XRM-514D
LCD Size	5"			
Video System	NTSC/PAL/SECAM Automatic detection			
Resolution	640 X (RGB) X 480 Pixels			
LCD Brightness	500cd/m ²			
Screen Mode	4:3			
Field of View	Top 50° / Bottom 70° / Left 70° / Right 70°			
Color Configuration	RGB Strip			
Parking Line	Automatic display by R gear or Off Parking Line Width Adjustable			
Dimmer	Manual Adjustment			
Camera Input	1 CH	2 CH	3 CH	4 CH
Audio Input	1 CH	2 Ch	3 CH	4 CH
Audio Output	1W Mono speaker			
Housing Material	Al. Die-casting			
Impact Rating	7G			
Waterproof	IP68			
Camera Connector	4 Pin mini-din			
OSD	9 Multi-Language (ENGLISH, JAPANESE, DEUTSCH, ITALIAN, FRANCAIS, DUTCH, SUOMI, ESPANOL, SVENSKA)			
Power Input	DC12-32V/Automatic Power On/Off by ACC			
Operating Temp.	-20°C ~ +70°C			

Heavy Duty CCD Camera

Heavy duty CCD
Camera



Features

- 1/3" Sony Super HAD CCD
- High Resolution Support
- Excellent Night View(0Lux) with LED
- Full Waterproof (IP69K)
- Al. Die-casting Housing
- Normal or Mirror Image View Support
- Built-in microphone
- Self Heating System
- Free Voltage up to 30V

Model	XCR-31C
Image Sensor	1/3" Sony Super HAD Color CCD
Pixels	NTSC:410,000 / PAL:470,000
	NTSC:520,000 / PAL:620,000(Option)
Field of View	130° (Option: 150°)
Resolution	480 TV Lines
Water Resistance	69K
Video Output	75Ω 1.0Vp-p Composite
Vibration resistance	100 G
Audio Input	High Sensitive C-mic
S/N	More than 48dB
Illumination	0Lux at F2.0/f=2.9mm
Operating Temp.	-30°C ~ +70°C
Storing Temp.	-40°C ~ +80°C
Power	DC12V~30V/150mA at LED On Powered from Monitor
Size	69(W) x 42(H) x 57(D)/mm

Heavy Duty CCD Camera

Heavy duty CCD
Camera



Features

- 1/3" Sony Super HAD CCD
- High Resolution Support
- Excellent Night View(0.1Lux)
- Full Waterproof (IP68)
- Al. Die-casting Housing
- Normal or Mirror Image View Support
- Built-in microphone

Model	XCR-30C
Image Sensor	1/3" Sony Super HAD Color CCD
Pixels	NTSC:410,000 / PAL:470,000
Field of View	130°
Resolution	480 TV Lines
Video Output	75Ω 1.0Vp-p Composite
Water Resistance	68
Audio Input	High Sensitive C-mic
Vibration resistance	100 G
S/N	More than 48dB
Illumination	0.1Lux at F2.0/f=2.9mm
Operating Temp.	-30°C ~ +70°C
Storing Temp.	-40°C ~ +80°C
Power	DC12V/100mA max.
	Powered from Monitor
Size	36(W) x 27(H) x 40(D)/mm

New Heavy Duty Side/Rear Camera

XCR-45NW

FEATURE

- High Performance DSP Color CMOS Camera
- Sharp & Wide Angle View(**180°**)
- Certified IP Rating
- Harsh Environment Tested
- IEC 529, IP 69K
- G-Force Rating : 30G
- Metal die-casting housing
- Adjustable view angle by mount bracket
- can be use to Side or Rear
- 5 years Warranty
- Size : 36(W) x 54.8(D) x 44.6(H)



SPECIFICATION

Image Sensor	1/3" SONY CCD color image sensor 1/3.2" SONY CMOS Color Image Sensor
Effective Pixels	NTSC : 482K, PAL : 568K
Synchronization System	Internal
Resolution	640 TV line / 700 TV Lines
S/N Ratio	More Than 48 dB
Min. Illumination	0 Lux
Video Out	75 ohm 1Vp-p Composite Signal
BLC	Auto
IRIS	Electronic Auto IRIS
View Angle	178.1±2% Degree
Operating Voltage Range	9V ~ 24V
Operating Temperature	-30°C ~ 85°C
Storage Temperature Range	-40°C ~ 85°C
Weight	0.3Kg
Power consumption	0.3W
Humidity Range	90%

XVR-12 AHD(XVR-19AHD) : WIFI 4CH(8-CH) DVR



◆ Features

- Indoor Camera Front & Rear 1080P or 720P , Side 480
- SD Memory (Up To 128GB)
- Digital Zooming
- Optional GPS
- Built-in G-Sensor
- Low Battery Monitoring (Cut-off Function)
- Temperature Operating : -10~70°C Keeping: -40~85°C
- WIFI (App) (IOS & Android) - Option
- PC Viewer (OS support : Windows XP or higher version)
- Voltage : 12~24V
- Size: 105 x 107 x 22 mm (Main body)

XVR-12QHD:LCD Quad HD CAR DVR

Quad HD Car Blackbox (4.0" QHD/GPS/G-Sensor/1+1ch Camera/Audio)



QHD(2560 x 1440 Built-in)+HD(External Camera)




Features

- 1+1CH QHD & HD or VGA (2560 x 1440) & (1280 x 720) display
- Built in LCD 4.0" Wide Monitor (Touch Screen)
- GPS/G-Sensor / Speaker/Audio
- PC Viewer program
- External GPS / Wi-Fi (Option)
- 106(L) x 14(W) x 64(H) mm
- ADAS : LDWS / FVSA / FCWS

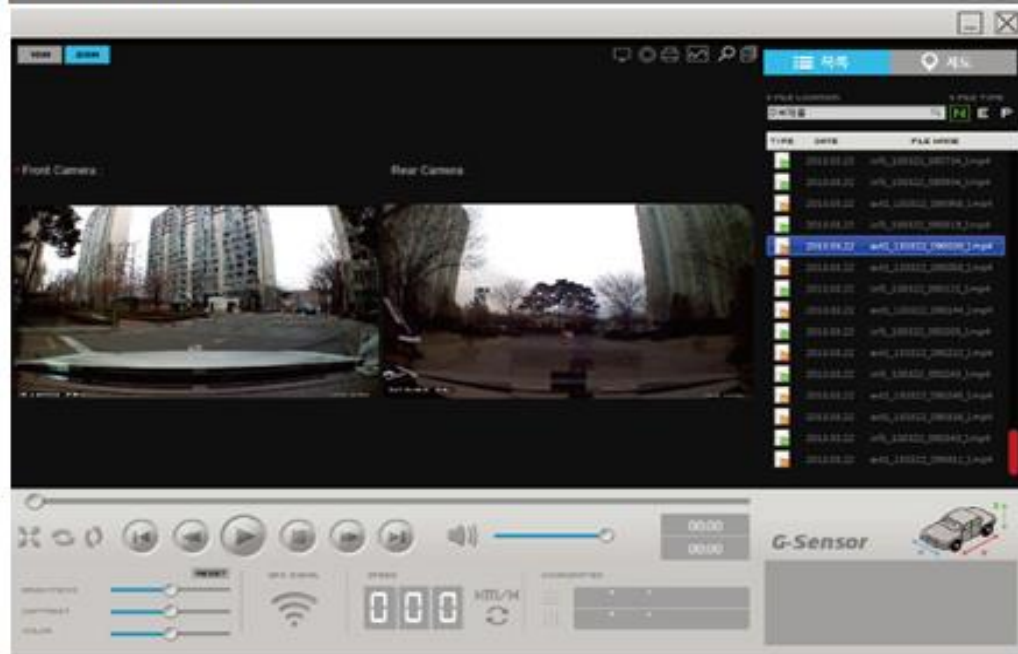
Specification

Model	Specification	remark
<p data-bbox="225 801 368 952"> XVR-12QHD (1+1-ch) 3.5" Touch LCD </p> 	Allwinner V3 (ARM Cortex A7 core)	<p data-bbox="1025 826 1200 852">External camera</p> 
	Resolution : QHD 2560 x 1440 (built in camera) HD 1280 x 720 (External camera)	
	Front – QHD 1440P External – 720P	
	GPS : External / Wi-Fi (Option)	
	Built in 3D Shock Sensor	
	6 steps voltage setting function including disconnecting power (Cut-off function)	
	4.0" IPS (480x800) built in	
	Storage : (up to 128GB) Micro SD Card	
	Operating Temperature: -20 ℃ ~ 70 ℃	
	Keeping Temperature: -30 ℃ ~ 80 ℃	
	Compression : H.264 / PCM	
	Front - 30 FPS / External - 30 FPS	
	Size : 106(L)x 14(W) x 64(H) mm	
	Weight : 103g(Main body) / 132g(including bracket)	
	Built-in high sensitive microphone	
	Built-in speaker	
	High Temperature Cut-off Function	
	Recording Channel : 2 channel	
	Voice / beep announcement	
	Event time : before 10sec / after 20sec	
DC Input, CAM Input, GPS Input, Micro SD Slot, On/Off Button		

External camera

Picture	Optional Camera	Specification
	External	High Quality HD CMOS Color minimal Camera
	Rear View	High Quality VGA Color minimal Camera
	Camera	Color : Black

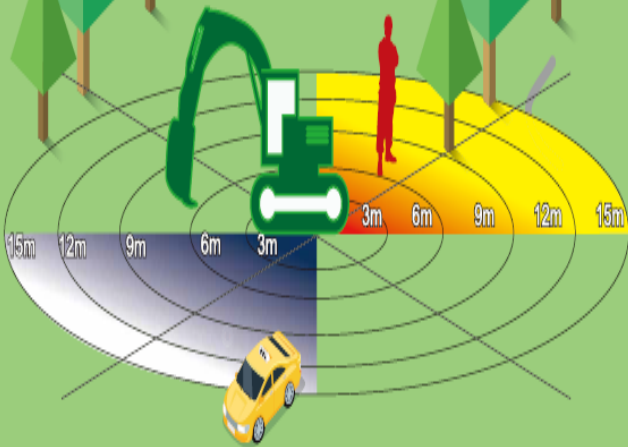
Viewer Software



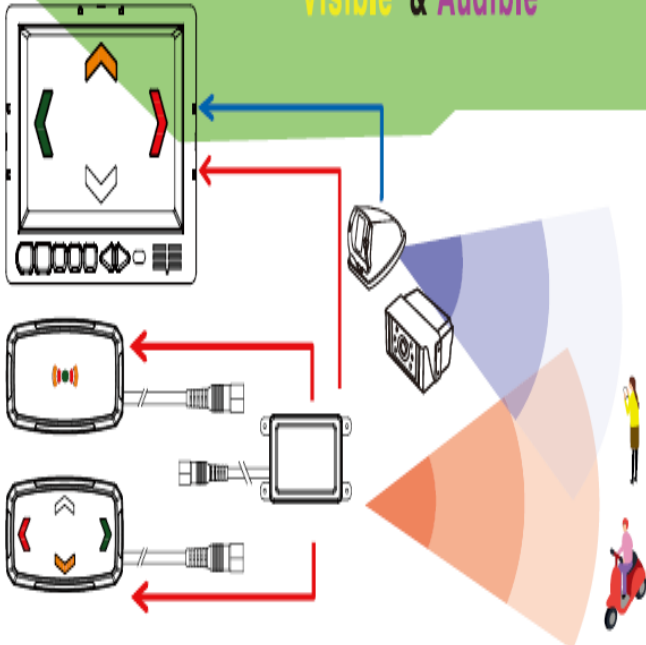
Dimension



NEW HEAVY DUTY RADAR DETECTION & ALARM SOLUTION



Dual Monitoring Solution Visible & Audible



01

NEW HEAVY DUTY DETECTION SOLUTION SURROUND QUAD RADAR SYSTEM

Feature

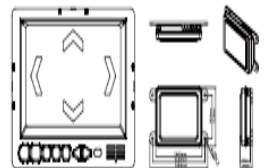
- ✓ 4CH Camera & Radar Sensor Quad Support
- ✓ 1,843,200 Pixels (1024*3(RGB)*600)
- ✓ Upto 5 Cameras Input (W/ A/V Input)
- ✓ 20G Vibration Rating & IP 65 Waterproof / Dustproof
- ✓ Support Quad/ Triple/ Single & Other Split Screen Mode
- ✓ Programmable 24GHz Radar Sensor
- ✓ Alarm Distance & Range with Icon & Sound
- ✓ Data Interface : CAN protocol
- ✓ G-Force Rating : 30G



Radar Sensor Specification

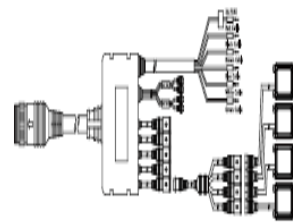
Model Name	STR-RS1
Transmit Frequency	24.00GHz - 24.20GHz
Sensing Update Rate	25Hz
Distance Measuring Range	Max. 30m
Distance Measuring Accuracy	0.5 m
Antenna Performance • Azimuth	100 deg
Antenna Performance • Elevation	17deg
Power Consumption	Max. 2.3W
Operating Voltage Range	9V - 16V
Operating Temperature	-20°C - 80°C
Weight	190g
Dimension	130 x 81 x 26.5
Waterproof	IP65IK
Vibration	30G

Configuration

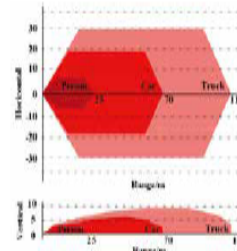
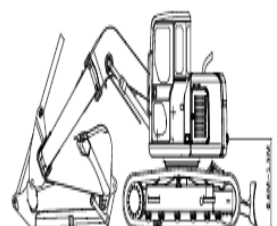


Radar Monitor Specification

Model Name	STR-M3M
TV System	NTSC / PAL
LED Panel	7" Digital LCD Color Monitor With OSD Function
Display Size	156.50W X 88.10H
Field of View	Top : 30°, Bottom : 30°, Left : 30°, Right : 30°
Resolution	1024 X 1024 X 600
Camera / Audio Input	3 channels with 1 AV Input
Radar Sensor Input	4 channels
Power Connector	Red : Positive 12V - 48V Input, Black : Ground Green : Reverse Gear 12V - 48V Input White : 12V - 48V Input, Blue : 12V - 48V Input Brown : 12V - 48V Input
Accessories	Sun View, Monitor Bracket, Screw
Operating Temperature	0°C - 40°C
Dimension	200(W) x 137(H) x 30(D) mm / 7.87(W) x 5.39(H) x 1.18(D) inch
Weight	67kg
Power Consumption	Max. 7.3W



Installation Guide



02

NEW HEAVY DUTY DETECTION SOLUTION SURROUND RADAR DETECTION SYSTEM

Feature

- ✓ 4CH Radar Sensor Quad Support
- ✓ 20G Vibration Rating & IP 65 Waterproof / Dustproof
- ✓ Programmable 24GHz Radar Sensor
- ✓ Alarm Distance & Range with LED & Sound
- ✓ Data Interface : CAN protocol
- ✓ G-Force Rating : 30G

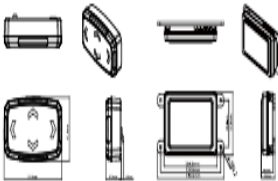


Radar Sensor Specification

Model Name	STB-RS1
Transmit Frequency	24.00GHz ~ 24.20GHz
Sensing Update Rate	25Hz
Distance Measuring Range	Max. 30m
Distance Measuring Accuracy	0.5 m
Antenna Performance • Azimuth	100 deg
Antenna Performance • Elevation	17deg
Power Consumption	Max. 2.3W
Operating Voltage Range	9V ~ 16V
Operating Temperature	-20°C ~ 80°C
Weight	190g
Dimension	130 x 81 x 26.5
Waterproof	IP69K
Vibration	30G

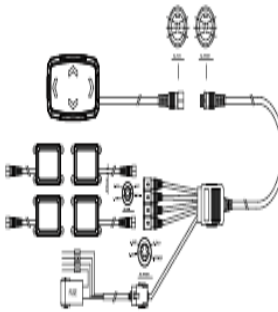


Configuration

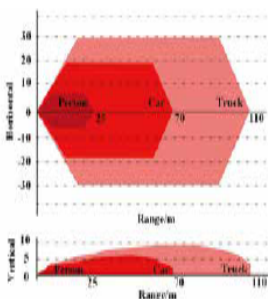
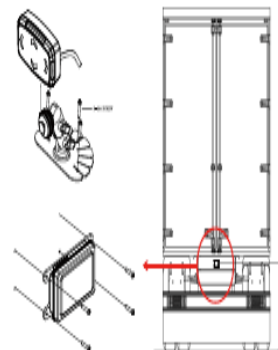


Radar 4CH Displayer Specification

Model Name	STB-R2D4
Display Channel	Up to 4CH (Left, Right, Up & Rear)
Alarm	Color LED & Sound
Operating Voltage Range	12V ~ 48V
Operating Temperature	-20°C ~ 80°C
Weight	TBD
Dimension	130 x 81 x 26.5 (mm)
Waterproof	Display-Box : IP65
Vibration	30G



Installation Guide



03

NEW HEAVY DUTY DETECTION SOLUTION SIMPLE RADAR SYSTEM

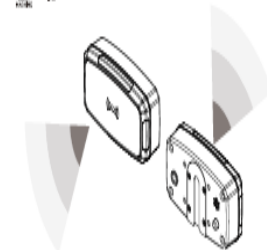
Feature

- ✓ ALARM : Color LED (1 to 4) & Beep Sound
- ✓ Data Interface : CAN protocol
- ✓ 12V~48V DC Free Voltage Operation
- ✓ Waterproof : IP65
- ✓ G-Force Rating : 30G

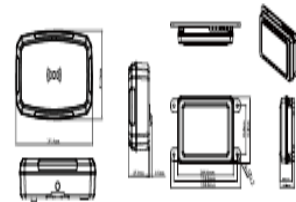


Radar Sensor Specification

Model Name	STB-RS1
Transmit Frequency	24.00GHz ~ 24.20GHz
Sensing Update Rate	25Hz
Distance Measuring Range	Max. 30m
Distance Measuring Accuracy	0.5 m
Antenna Performance • Azimuth	100 deg
Antenna Performance • Elevation	17deg
Power Consumption	Max. 2.3W
Operating Voltage Range	9V ~ 16V
Operating Temperature	-20°C ~ 80°C
Weight	190g
Dimension	130 x 81 x 26.5
Waterproof	IP69K
Vibration	30G

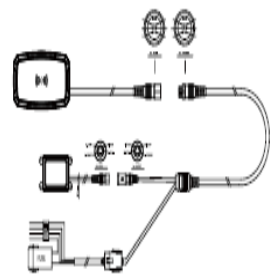


Configuration

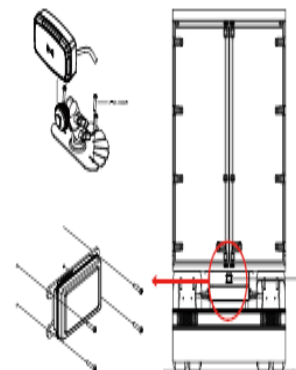


Radar Single Channel Displayer Specification

Model Name	STB-R2D1
Alarm	Color LED & Sound
Operating Voltage Range	12V ~ 48V
Operating Temperature	-20°C ~ 80°C
Weight	TBD
Dimension	130 x 81 x 26.5(mm)
Waterproof	Display-Box : IP65
Vibration	30G



Installation Guide



Detection Alarm Scenario

Distance (ft)	Arrow Icon	Beep Sound
32 ~ 18	Green / Blink every 3 seconds	Mute
18 ~ 12	Orange / Blink every 2 seconds	Beep / Blink every 2 seconds
12 ~ 6	Red / Blink every 1 seconds	Beep / Blink every 2 seconds
under 6	Red / Blink every 1 seconds	Continuous Beep



4CH FULL HD DASH CAM

4CH - Front : Full HD 1920X1080P (30FPS)/ 2 Side : HD 1280X720P (30FPS)/ 1 Rear : D1 720X480P (30FPS) | 4.5 inch Full touch LCD
ADAS | NIGHT VISION | Video/Audio Compression : H.264/ADPCM | External Wi-Fi Dongle (OPTIONAL) | External Wi-Fi supports with Smart-
phone playback | Auto-update of firmware | External GPS (OPTIONAL) | Storage Micro SD 4GB~256GB, Supports additional data storage up
to 2TB SSD | Built-in MIC(ON/OFF) | Built-in Speaker, Voice Guidance

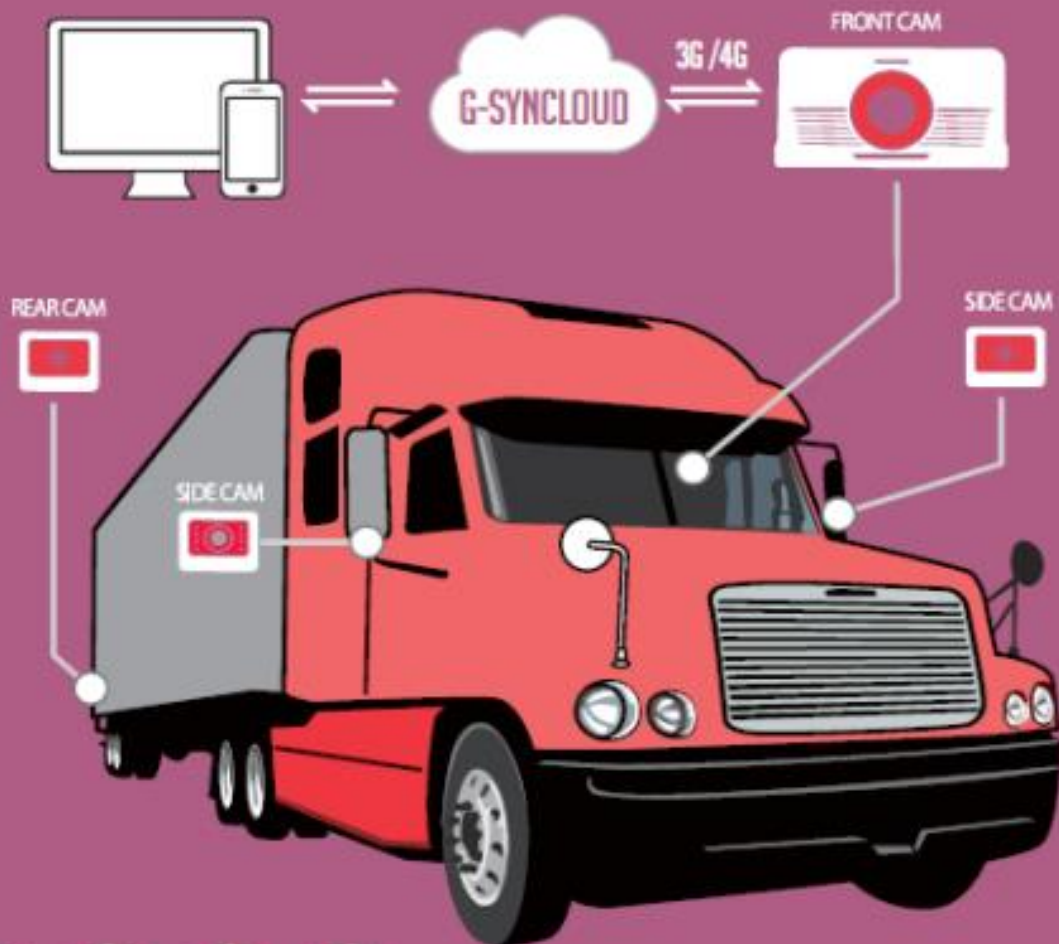
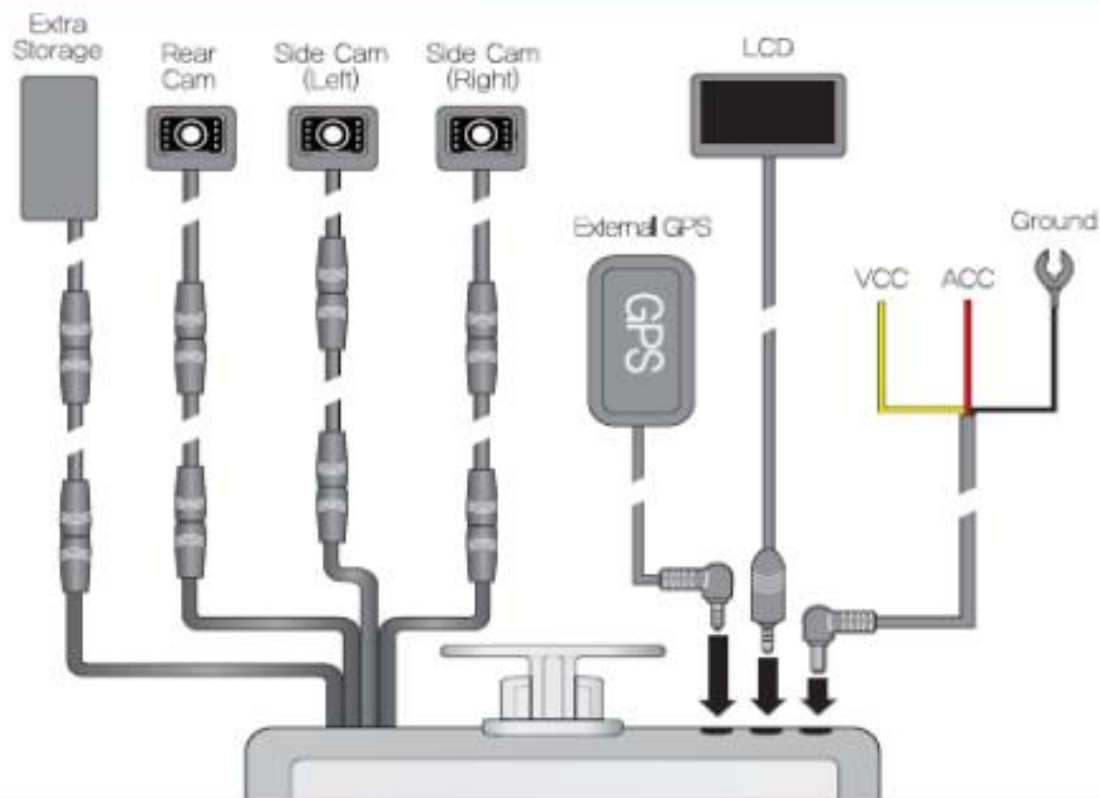


DIAGRAM ON INSTALLATION FOR CABLE

4CH FULL HD/HD 4.5INCH LCD DASH CAM



> GT700 SPECIFICATION

* Specification can be changed without notice

ITEM	SPECIFICATION
Resolution / FPS	Front : Full HD 1920 x 1080P, 30FPS / Side: HD 1280 x 720P, 30 / Rear : D1 720 x 480P, 30
CPU	CortexTM-A7 Quad-core V40 CPU
Image Sensor	Front : 2Mega Image Sensor/ Side, Rear: 1 Mega Image Sensor
ADAS	LDWS, FCWS, FVDW
Wi-Fi function	Play Video, Change setting value, Auto firmware update through Smartphone
Low Battery Protector(LBP)	Auto power off. When detecting Low voltage (In case of using Constant Power)
Audio	Speaker (Voice guidance of 34types), Built in Mic
Video/Audio Compression	H.264 / ADPCM
G-Sensor	Acceleration 3-axis Sensor
GPS	External GPS (Indicate location and Speed)
Storage	Micro SD 4GB - 256GB (Recommend MLC, Class10) Auto recovery record Data (JDR) Format Free (JDR)
Record mode	Normal, Impact, Parking(Motion), Voice
Power	DC 12V ~ 24V, 1.3W(12V)
Temperature, Humidity	Operation temperature : -30°~80°, Storage Temperature : -30°~90°, Humidity : 10~95%
PC Viewer	Viewer : Win7, Win8, Win10(32Bit~64Bit)
Application	GNet App(Over Android 2.3, IOS 5.0)

* Support realtime video

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