

2018

VEHICLE SECURITY SOLUTION

Achieving our vision of becoming a top global brand.
Huvitech is committed to the development of **HU**man **VI**sion **TECH**nology in order to achieve a harmonic connection between society and your safety.

Huvitech Product

Vehicle Security Product
Car Blackbox & Mobile DVR
Vehicle Camera

WORLD



CEO MESSAGE

Achieving our Vision of Becoming a Top Global brand

Huvitech is committed to the development of HUMAN VISION TECHNOLOGY in order to achieve a harmonic connection between society and your safety.

Huvitech Co., Ltd. has concentrated on visual communication systems. We have been manufacturing and exporting vision systems such as Vehicle Camera / Car Blackbox / LCD Monitor / Mobile DVR Systems, Security Systems, Medical Systems and Industrial Systems to many countries. Most of our products are registered in design and patented based on its unique and advanced high technology.

Our employees at HUVITECH have a technical division organized with experts who have worked for over 17 years and have much experience in this field, has continually striven to produce good quality's goods.

We always welcome you and your ideas to make our product better in improvement. They will be the most important advices. We promise that we are always enthusiastically working hard to provide customer satisfaction and earning customers' loyalty through distinguished design, outstanding quality, customer support and relentless innovation with global-management.

Thank you and Best regards,

President & CEO KEVIN LEE

HISTORY

- 2006** Established Huvitech Co., Ltd.
- 2007** Developed Smallest Rear View Cameras (4 Types)
Modified Mobile 1CH & 4CH DVRs
Acquired a Certification of ISO9001
- 2008** Developed 1CH & 2CH CarBlackbox
Developed Mobile DVR (CF Type & HDD Type)
- 2009** Established Research and Development Department in Corporation
Development of new 2CH CarBlackbox and 4CH CarBlackbox
Supply Rear View Cameras for Camping Car to Car makers in Europe
- 2010** Developing Tilt Camera
Developing New 1~4CH CarBlackbox (B7~B11)
- 2011** Developed HD Type CarBlackbox
Developed 540 TV Lines Mini CMOS Camera
- 2012** Developed LCD Type CarBlackbox
Developed 2CH HD CarBlackbox
- 2013** Developed Multi View Mobile Camera
- 2014** Developed 2CH Full HD CarBlackbox
Developed 4CH HD MDVR & HD Cameras
Developed 2CH 3G / 4G CarBlackbox (OBD2 Connector)
- 2015** Developed 4CH AHD MDVR
- 2016** Developed 8CH HD MDVR
- 2017** Developed D19 (4CH/8CH) AHD MDVR
- 2018** Plan to develop 1CH & 2CH Water-proof MDVR
Plan to add 3G / 4G & FMS Function

COMPANY TOUR



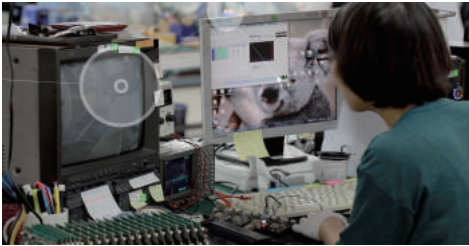
Production Line



Production Line



Production Line



QC 1



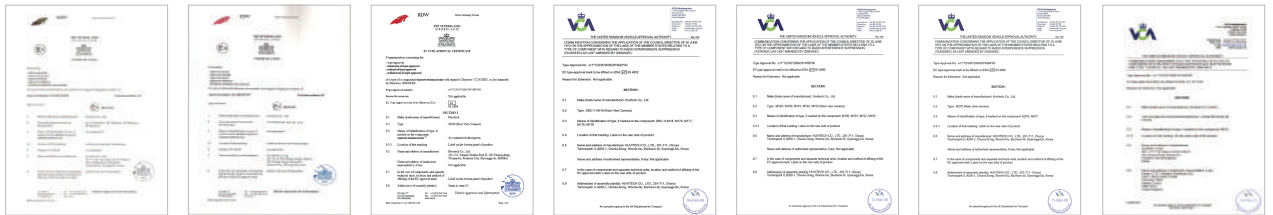
QC 2



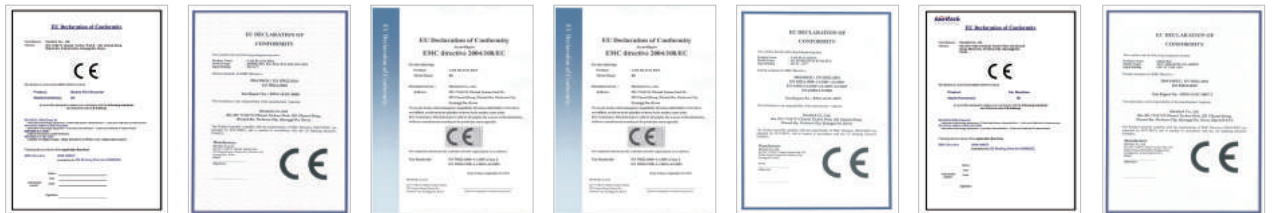
Aging Room

CERTIFICATION

e-Mark



CE



FCC



KC



D19FHD4 & 8

■ 4CH / 8CH AHD MDVR (HYBRID)



D19 FHD4&8

D19FHD4

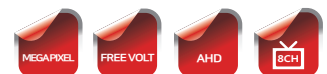
4CH HYBRID MOBILE DVR



- 4CH Resolution : 720x480@30fps, 1280x720p@30fps,
- 1920x1080p@30fps x 4CH / 720p@30fps x 4CH
- Storage Type : A. 2.5" HDD / SSD (Upto 1TB)
- Storage Type : B. SD Memory card (Upto 128GB)
- Optional GPS, Wifi / Built-in G-Sensor
- Low Battery Monitoring(Cut-off Function)
- Temperature Working : -0~60°C/ Keeping : -40~85°C
- Wifi (App_iOS & Android)
- PC Viewer (OS support : Windows XP or higher version)
- Voltage : 12~24V
- Camera Voltage (Output) : 5V or 12V (Selectable)
- Size : 187 x 130 x 40 mm (Main body)
- Video out : HDMI or CVBS (Selectable)

D19FHD8

8CH HYBRID MOBILE DVR



- 8CH Resolution : 720x480@30fps, 1280x720p@30fps,
- 1920x1080p@15fps x 8CH / 720p@30fps x 8CH
- Storage Type : A. 2.5" HDD / SSD (Upto 1TB)
- Storage Type : B. SD Memory card (Upto 128GB)
- Optional GPS, Wifi / Built-in G-Sensor
- Low Battery Monitoring(Cut-off Function)
- Temperature Working : -0~60°C/ Keeping : -40~85°C
- Wifi (App_iOS & Android)
- PC Viewer (OS support : Windows XP or higher version)
- Voltage : 12~24V
- Camera Voltage (Output) : 5V or 12V (Selectable)
- Size : 187 x 130 x 40 mm (Main body)
- Video out : HDMI or CVBS (Selectable)

CAMERA

FOR D19FHD SERIES

VGA 720×480P



M761

VGA / Indoor / 5V
54(D) x 25(L) x 31(H)mm



M731-IR

VGA / IR & Indoor / 5V
52(D) x 33(L) x 27(H)mm



M733-IR

WDR-VGA / IR & Indoor / 5V
69(D) x 45(L) x 30(H)mm



M691

VGA / Water-proof / 5V & 12V
21(D) x 22(L) x 21(H)mm



M721-SideCam

VGA / Water-proof / 5V & 12V
52(D) x 28(L) x 20(H)mm



M143 & M177

VGA / Water-proof / 5V & 12V
M143: 28(D) x 34(L) x 26(H)mm



M191 & M611

VGA / Water-proof / 5V & 12V
M191: 39(D) x 37(L) x 26(H)mm



M290 & M810 & M830 & M430

VGA-IR / Water-proof / 12V
CCD or CMOS / IR LED: 7~10PCS

HD 1280×720P



M761HD

HD / Indoor / 5V
54(D) x 25(L) x 31(H)mm



M143HD & M177HD

HD / Water-proof / 5V & 12V
M143: 28(D) x 34(L) x 26(H)mm



M831HD & M431HD

HD-IR / Water-proof / 5V & 12V
M831HD : 48(D) x 38(L) x 45(H)mm
M431HD : Ø 60 x 59(H)mm

FHD 1980×1080P



M761FHD

Full-HD / Indoor / 5V
54(D) x 25(L) x 31(H)mm



M143FHD & M177FHD

Full-HD / Water-proof / 5V & 12V
M143 : 28(D) x 34(L) x 26(H)mm



M291FHD & M831FHD & M431FHD

Full-HD / Water-proof / 5V & 12V
2M Pixel / IR LED : 7~10PCS

D12 / D12AHD



4CH VGA & AHD SD CARD MDVR



D12VGA

4CH VGA SD CARD MDVR

- Quattro D12 : VGA 720x480 4CH
- SD Memory (up to 128GB)
- Optional GPS
- Built-in G-Sensor
- Low Battery Monitoring (Cut-off Function)
- Wifi (App_iOS & Android)
- PC Viewer
(OS support : Windows XP or higher version)
- 30fps + 30fps + 30fps + 30fps (4CH)
- Voltage : 12~24V
- Size : 130 x 108 x 25 mm (Main body)

D12AHD

4CH AHD SD CARD MDVR

- Quattro D12AHD : Full-HD/HD/VGA
- SD Memory (up to 128GB)
- Optional GPS
- Built-in G-Sensor
- Low Battery Monitoring (Cut-off Function)
- Wifi (App_iOS & Android)
- PC Viewer
(OS support : Windows XP or higher version)
- 30fps + 30fps + 30fps + 30fps (4CH)
- Voltage : 12~24V
- Size : 130 x 108 x 25 mm (Main body)

D12VGA D12AHD

MDVR

CAMERAS FOR D12 VGA & AHD



M761FHD 5V Indoor / FHD

- Full HD 1080P Indoor Camera
- 1/3" FHD CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension : 47mm X 30mm X 24mm



M721H/M691H 5V Outdoor / VGA / Side

- VGA Side Water-proof Camera
- 1/3" CMOS Image Sensor
- Angle : 50.8 ° (V), 71.4 ° (H), 103.2 ° (D)



M761HD/VGA 5V Indoor / HD & VGA

- Full HD 1080P Indoor Camera
- HD 720P / VGA 270K Indoor Camera
- 1/3" HD / CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension : 54.1mm X 25mm X 30.7mm
(Indoor IR - Option)



M143FHD/VGA M177FHD/HD/VGA Outdoor / FHD & VGA 5V 12V

- HD / FHD Side and Rear Water-proof Camera
- 1/3" CMOS Image Sensor
- Angle : 145 ° (D)



M831HD/FHD 5V 12V Outdoor / IR / VGA / HD / FHD

- HD IR Side and Rear Water-proof Camera
- 1/2.9" CMOS Image Sensor
- Built-in 10 IR LEDs
- Angle : 130 ° (D)
- Dimension : 63mm X 48mm X 48mm



M291FHD/VGA 5V 12V Outdoor / IR / VGA / HD

- HD IR Side and Rear Water-proof Camera
- 1/4" or 1/3" CCD Image Sensor
- Angle : 76.3 ° (V), 100.2 ° (H), 132 ° (D)
- Dimension : 67mm X 39mm X 58.4mm

D15

■ 4CH HD SD / SSD MDVR



- Quattro D15 : HD 1280 x 720P 4CH
- Storage Type A : 2.5" SSD 128GB ~ 1TB
- Storage Type B : SD 32GB ~ 128GB
- Built-in G-Sensor
- Low Battery Monitoring (Cut-off Function)
- Temperature Working : -20~70°C Keeping : -40~85°C
- Wifi (App_iOS & Android)
- PC Viewer (OS support : Windows XP or higher version)
- HDMI Out & CVBS output
- 30fps + 30fps +30fps +30fps (4CH)
- Voltage : 12~24V
- Size : 174 x 112 x 33 mm (Main body)

D15

MDVR

■ CAMERAS FOR D15



M761HD
Indoor / HD

- HD 720P Indoor Camera
- 1/3" HD CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension:
47mm X 30mm X 24mm



M143HD
Outdoor / HD

- HD 720P Side and Rear Water-proof Camera
- 1/3" HD CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension:
28mm X 34.2mm X 26mm



M177HD
Outdoor / HD

- HD 720P Side and Rear Water-proof Camera
- 1/3" HD / CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension:
32mm X 26mm X 49mm



M291HD
Outdoor / IR / HD

- HD 720P IR Side and Rear Water-proof Camera
- 1/2.9" CMOS Image Sensor
- Built-in 7 IR LEDs
- Angle : 130 ° (D)
- Dimension:
67mm X 39mm X 58.4mm

D16

■ 2CH HD SD CARD MDVR



- Quattro D16 : HD 1280 X 720P 2CH
- SD Memory SD Card up to 128GB
- Optional GPS
- Built-in G-Sensor
- Low Battery Monitoring (Cut-off Function)
- Wifi (App_iOS & Android)
- PC Viewer (OS support : Windows XP or higher version)
- 30fps +30fps (2CH)
- Voltage : 12~24V
- Size : 110 x 57 x 25 mm (Main body)

D16

MDVR

■ CAMERAS FOR D16



M761HD
Indoor / HD

- HD 720P Indoor Camera
- 1/3" HD CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension:
47mm X 30mm X 24mm



M143HD
Outdoor / HD

- HD 720P Side and Rear Water-proof Camera
- 1/3" HD CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension:
28mm X 34.2mm X 26mm



M177HD
Outdoor / HD

- HD 720P Side and Rear Water-proof Camera
- 1/3" HD CMOS Image Sensor
- Low illumination
- Small and compact design
- Dimension :
32mm X 26mm X 49mm



M291HD
Outdoor / IR / HD

- HD 720P IR Side and Rear Water-proof Camera
- 1/2.9" CMOS Image Sensor
- 7 IR LEDs
- Angle : 130 ° (D)
- Dimension :
37mm X 39mm X 58.4mm

BLACKBOX / DASHCAM

B8

■ 1+1CH (HD+VGA) CAR BLACKBOX

■ HD EXTERNAL CAMERAS



Specifications

- B8HD2 : 1+1CH HD & VGA Camera (Built-in 1CH HD & External VGA Camera)
- B8HD : 1CH HD Camera (Built-in 1CH HD Camera)
- B8H : 1+1CH VGA Camera (Built-in 1CH VGA Camera)
- B8M : 1CH VGA Camera (Built-in 1CH VGA Camera)
- 2CH Display (HD or VGA)
- Built-in G-Sensor / Microphone / Speaker
- Micro SD Memory Card (upto 32GB)
- Play HD or VGA
- Size : 85mm x 50mm x 19mm
- Free Voltage : DC 12~24V



B9 / B6

■ 1+1CH (HD+VGA) CAR BLACKBOX



Specifications

- B9HD2 : 1+1 CH HD Camera (Built-in 1CH HD & External VGA Camera)
- B9HD : 1CH HD Camera (Built-in 1CH HD Camera)
- B6HD : 1CH HD Camera (Built-in 1CH HD Camera)
- 2CH Display HD + VGA
- External GPS (Option)
- Built-in G-Sensor/Microphone/Speaker
- Play Images and Audio Data
- Micro SD Memory Card (upto 32GB)
- Size : 64mm x 47mm x 19mm
- Free Voltage : DC 12~24V



B102

■ 1+1CH (HD+VGA) CAR BLACKBOX



■ HD EXTERNAL CAMERAS



Specifications

- B102HD : 2CH HD & VGA (1280x720p & 640x480p) (Built-in HD 2M & External VGA Camera)
- Resolution HD(1280x720p) and HD(1280x720p) & VGA
- External GPS (Option)
- Play Images and Audio Data
- Micro SD Memory Card (upto 32GB)
- Battery Monitoring
- Built-in G-Sensor / Microphone / Speaker
- Size : 100mm x 34mm x 34mm
- Free Voltage : DC 12~24V



BLACKBOX / DASHCAM

B4

■ 2CH HD CAR BLACKBOX B4HD-Dual HD Built-in



Specifications

- B4HDH : Dual Channel Camera (Built-in 2CH HD)
- B4HDL : 1 Channel HD Camera (Built-in 1CH HD & External HD Camera)
- Dual Camera (HD 2CH Display)
- External GPS (Option) -B4HDH & B4HDL
- Built-in G-Sensor/Microphone/Speaker
- Micro SD Memory Card (upto 32GB)
- Play HD / Battery Monitorings
- Built-in 4 IR LEDs
- Size : 48mm x 22mm x 85mm
- Free Voltage : DC 12~24V

B7

■ FOLDABLE LCD HD CAR BLACKBOX

■ HD EXTERNAL CAMERAS



Specifications

- B7FHD : 2CH Full HD & HD (1980x1080p & 1280x720p) (Built-in Full HD 2M Sony & External HD Camera)
- B7HD : 2CH HD & VGA (1280x720p & 640x480p) (Built-in HD 2M & External VGA Camera)
- Built-in 3"(B7FHD) or 2.4"(B7HD) LCD Screen
- Resolution Full HD(1980x1080p) & HD(1280x720p) and HD(1280x720p) & VGA
- Micro SD Memory Card(Upto 32GB)
- Built-in G-Sensor / Microphone / Speaker
- Size : 92.5mm x 88mm x 85.2mm
- Free Voltage : DC 12~24V

B10

■ LCD FULL HD CAR BLACKBOX

■ OPTION

- 3G / 4G Network
- Worldwide
- OBD2 Connector



■ HD EXTERNAL CAMERAS



Specifications

- B10FHD: 2CH Full HD & HD (1980x1080p & 1280x720p) (Built-in Full HD 2M Sony & External HD Camera)
- Built-in 3.5" LCD Touch Screen
- External GPS (Option)
- Play Images and Audio Data
- Micro SD Memory Card (upto 64GB)
- Battery Monitoring
- Built-in G-Sensor / Microphone / Speaker
- Size: 112mm x 62mm x 36mm
- WiFi : iOS & Android
- Free Voltage: DC 12~24V

BLACKBOX / DASHCAM

B12HD

■ HD LCD CAR BLACKBOX



■ HD EXTERNAL CAMERAS



M761AHD



M143HD



M177HD

Specifications

- B12HD : 2CH HD & HD or VGA (1280x720p & 1280x720p or 720x480p)
- Built in 3.5" LCD Touch Screen
- External GPS (Option)
- Play Images and Audio Data
- Micro SD Memory Card (up to 128GB)
- Battery Monitoring
- Built-in G-Sensor / Microphone / Speaker
- Size : 106(L) x 14(W) x 64(H) mm
- Free Voltage : DC 12~24V

B12FHD

■ FULL-HD LCD CAR BLACKBOX



■ HD EXTERNAL CAMERAS



M761AHD



M143HD



M177HD

Specifications

- B12FHD : 2CH Full HD & HD or VGA (1980x1080p & 1280x720p or 720x480p)
- Built-in 3.5" LCD Touch Screen
- External GPS (Option)
- Play Images and Audio Data
- Micro SD Memory Card (upto 128GB)
- Battery Monitoring
- Built-in G-Sensor / Microphone / Speaker
- Size : 106(L) x 14(W) x 64(H) mm
- Free Voltage : DC 12~24V

B12QHD

■ QHD(1440P) LCD CAR BLACKBOX



■ HD EXTERNAL CAMERAS



M761AHD



M143HD



M177HD

Specifications

- B12QHD : 2CH QHD & HD (2560x1440p & 1280x720p)
- Built in 4.0" Wide LCD Touch Screen
- External GPS (Option)
- Play Images and Audio Data
- Micro SD Memory Card (upto 128GB)
- Battery Monitoring
- Built-in G-Sensor / Microphone / Speaker
- Size : 106(L) x 14(W) x 64(H) mm
- WiFi : iOS & Android
- Free Voltage : DC 12~24V

HD CAMERA

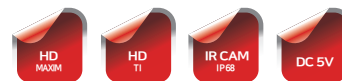
WATER PROOF / INDOOR

HD MAXIM/TI CAMERA

■ HD COLOR MOBILE CAMERA



M291HD



Specifications

- HD Color Waterproof Camera
- 95~145° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- LVDS Serdes (Maxim, TI) / AHD
- 5V Only
- Mega Pixel Camera
- Built-in 7 IR LEDs
- IP 68

HD MAXIM/TI CAMERA

■ HD COLOR MOBILE CAMERA



M143HD



M177HD



Specifications

- HD Color Waterproof Camera
- 95~145° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- HD-SDI / LVDS Serdes (Maxim, TI) / AHD
- 5V Only
- 1M/2M Pixel Camera
- IP 68 (M143HD / M177HD)

HD MAXIM/TI CAMERA

■ HD COLOR MOBILE CAMERA



M761B7



M761B10
M761D16



Specifications

- HD Color Waterproof Camera
- 95~145° Wide Viewing Angle
- Low-illumination
- Plastic Housing
- Small & Compact Design
- HD-SDI / LVDS Serdes (Maxim, TI) / AHD
- 5V Only
- 1M/2M Pixel Camera
- Indoor Only

AHD CAMERA

WATER PROOF / INDOOR

FULL HD CAMERA

■ COLOR MOBILE CAMERA



M761FHD



M761HD

Specifications

- Full HD Color Indoor Camera
- 95~145° Wide Viewing Angle
- Low-illumination
- Plastic Housing
- AHD / HD-SDI / LVDS Serdes (Maxim, TI)
- 5V / 12V
- Mega Pixel Camera

FULL HD CAMERA

■ COLOR MOBILE CAMERA



M143FHD/HD



M177FHD/HD

Specifications

- Full HD Color Waterproof Camera
- HD Color Waterproof Camera
- 95~145° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Water-proof Camera and Cable
- AHD / LVDS Serdes (Maxim, TI)
- 5V / 12V
- 1M / 2M Pixel Camera
- IP 68

FULL HD CAMERA

■ COLOR MOBILE CAMERA



M291FHD



M831FHD/HD



M431FHD/HD

Specifications

- Full HD Color Waterproof Camera and Cable
- HD Color Waterproof Camera
- 95~145° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Water-proof Camera and Cable
- AHD / LVDS Serdes (Maxim, TI)
- 5V / 12V
- 1M / 2M Pixel Camera
- IP 68

GATE TYPE

CCD / CMOS

■ COLOR MOBILE CAMERA



M140



M170

Specifications

- High Quality Color Waterproof Camera
- 130~160° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- Color : Black, White and Silver
- 380 / 540 / 700 TV Line
- IP 68

CCD / CMOS

■ COLOR MOBILE CAMERA



M190



M660

Specifications

- High Quality Color Waterproof Camera
- 130~160° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- Color : Black, White and Silver
- 380 / 540 / 700 TV Line
- IP 68

CCD / CMOS

■ COLOR MOBILE CAMERA



M610



M640

Specifications

- High Quality Color Waterproof Camera
- 130~160° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- Color : Black, White and Silver
- 380 / 540 / 700 TV Line
- IP 68

BRACKET TYPE

CCD / CMOS

■ COLOR MOBILE CAMERA



M142

Specifications

- High Quality Color Waterproof Camera
- 130~160° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- Color : Black, White and Silver
- 380 / 540 / 700 TV Line
- IP 68

CCD / CMOS

■ COLOR MOBILE CAMERA



M176

Specifications

- High Quality Color Waterproof Camera
- 130~160° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- Color : Black, White and Silver
- 380 / 540 / 700 TV Line
- IP 68

CMOS

■ COLOR MOBILE CAMERA



M691

Specifications

- High Quality Color Waterproof Camera
- 130~160° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- Color : Black, White and Silver
- 380 / 540 / 700 TV Line
- IP 68

SIDE / INDOOR TYPE

CMOS

- SIDE[L/R] MOBILE CAMERA



M691H

Specifications

- High Quality Color Waterproof Camera
- 90~145 ° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- 380 / 540 / 700 TV Line Available
- IP 68

CMOS

- SIDE[L/R] MOBILE CAMERA



M721H

Specifications

- High Quality Color Waterproof Camera
- 90~145 ° Wide Viewing Angle
- Low-illumination
- Aluminum Die-casting Housing
- Small & Compact Design
- Water-proof Camera and Cable
- 380 / 540 TV Line Available
- IP 68

CMOS

- CMOS COLOR MOBILE CAMERA
- INDOOR TYPE



M711



M761

Specifications

- 1/4" VGA Color CMOS
- 1/3" High CMOS
- High Quality Color Camera
- Pixel Size 5.60um x 5.60um
- Low-illumination Small & Compact Design
- DC 5V / 12V
- 380 / 540 TV Line Available

OUTDOOR IR TYPE

M220

■ IR REAR VIEW CAMERA



Specifications

- Sony 1/3" Super HAD CCD : 420TV & 600TV Lines
- High Quality Color Waterproof Camera
- Low-illumination : 0.1 Lux
- Aluminum Die-casting Housing
- 130° Wide Viewing Angle
- Water-proof Camera and Cable
- Color : Black
- Built-in 5 IR LEDs
- IP 68

M821HH / 831HH

■ IR REAR VIEW CAMERA



Specifications

- Sony 1/3" Super HAD CCD : 560TV & 700TV Lines
- High Quality Color Waterproof Camera
- Low-illumination : 0.1 Lux
- Aluminum Die-casting Housing
- 130° Wide Viewing Angle
- Water-proof Camera and Cable
- Color : Black
- Built-in 14/10 IR LEDs
- IP 68

M260

■ IR REAR VIEW CAMERA



Specifications

- Sony 1/3" Super HAD CCD : 270K Pixels & 380TV Lines
- High Quality Color Waterproof Camera
- Aluminum Die-casting Housing
- IP 67 Rate
- 15M Real Visible Range in any Lighting Condition
- Normal Resolution IR DAY / Night Camera (20Pcs of IR)
- Separated Power Board
with SMART SAFETY CONTROL enable
- Stable and Long Lasting LED Operation
- IP 67

OUTDOOR IR TYPE

M290 / M291HH

■ IR REAR VIEW CAMERA

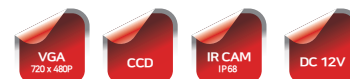


Specifications

- M291H : 1/3" High Super HAD CCD / 700TV Lines
- M290 : 1/4" HAD CCD / 420TV & 600TV Lines
- High Quality Color Waterproof Camera
- Low-illumination : 0.1 Lux
- Aluminum Die-casting Housing
- 95° ~ 145° Wide Viewing Angle
- Water-proof Camera and Cable
- Color : Black & White
- Built-in 7 IR LEDs

M810 / M811HH

■ MULTI VIEW [REAR/SIDE] CAMERA



Specifications

- M811H : 1/3" High Super HAD CCD / 560TV Lines
- M810 : 1/3" 270K CCD / 420TV & 600TV Lines
- Rear / Left / Right Multi Camera
- High Quality Color Waterproof Camera
- Low-illumination : 0.1 Lux
- Aluminum Die-casting Housing
- 90~120° Viewing Angle
- Water-proof Camera and Cable
- Housing Color : Black
- Built-in 8 IR LEDs

M430

■ VANDAL-PROOF DOME CAMERA



Specifications

- Sony 1/3" Super HAD CCD : 420TV & 600TV Lines
- M430H : 410K Pixels
- High Quality Color Waterproof Camera
- Low-illumination : 0.1 Lux
- Aluminum Die-casting Housing
- 130° Wide Viewing Angle
- Water-proof Camera and Cable
- Color : Black, White and Silver
- Built-in 10 IR LEDs

DOME / BATTERY / ACCESSORY

M410 / 420

■ MOBILE DOME CAMERA

M410IR / 410IR



Specifications

- Sony 1/3" Super HAD CCD : 410K Pixels & 520TV Lines
- High Quality Color Waterproof Camera
- Low-illumination : 0.5 Lux
- Aluminum Die-Casting Housing
- 60~130° Wide Viewing Angle
- Water-proof Camera and Cable
- Outdoor & Indoor Mobile Camera
- IP 66 Rate
- 10 IR LEDs (M410IR / 420IR Model)



PLASTIC & METAL DOME CAMERA

■ MOBILE DOME CAMERA



Specifications

- 1/3 1.3Megapixel CMOS
- High Resolution 720P@30fps
- Day & Night Function
- 3.6mm Fixed Lens
- 12 or 24 IR LEDs
- Power DC12V
- Video Output : AHD / CVBS

Specifications

- 1/3" 2.1Mega Pixel SONY CMOS
- HD Resolution : 1080P@30fps
- 1080P(30P,25P) , 720P(60P,50P)
- D-WDR (Digital WDR)
- DNR (Digital Noise Reduction : 2D+3D)
- Privacy Mask Function
- Intelligent Motion Detection
- Defog : Defogging foggy video image
- 12 or 24 IR LEDs
- Power DC12V
- Video Output : AHD / CVBS



SC6024FHD/HD

SC1260FHD/HD

ACCESSORIES

■ DC / DC CONVERTER

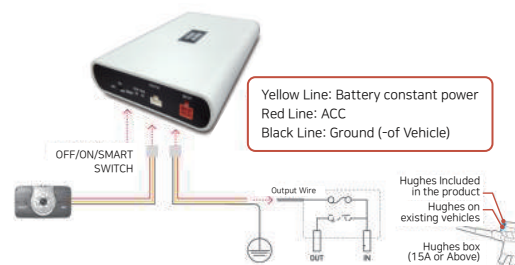


- Model : Plastic DC-DC Converter
- Input Voltage : DC 24V(15V~35V)
- Output Voltage : DC 12V
- Output Power : Max. 3A / 36W
- Housing : ABS
- Dimension : 37mm(D) x 42mm(L) x 30mm(H)

- Model : Metal DC-DC Converter
- Input Voltage : DC 24V(15V~35V)
- Output Voltage : DC 12V
- Output Power : Max. 3A
- Housing : Aluminum
- Dimension : 37mm(D) x 42mm(L) x 30mm(H)

■ BATTERY (6.6Am)

- Recharger for Blackbox & MDVR



SPECIAL PRODUCT 1

H120 / H130 / H140

■ PLUMBING CAMERA

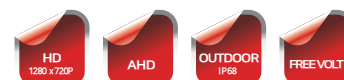


Specifications

- Waterproof Design & Scratch-Resistance Steel Case
- High Quality Color Waterproof CCD Camera
- 10 or 12 White LEDs
- Built-in Protector Circuit Against Reverse Connection
- Bore-hole Inspection, Pipe Inspection, Tank Inspection Camera
- Chromium-Plated Case
- H120 : 1/3" HAD Color CCD : 270K Pixels & 420TV Lines
- H130 : 1/3" HAD Color CCD : 410K Pixels & 480TV Lines
- H140 : 1/3" HAD Color CCD : 270K Pixels & 420TV Lines

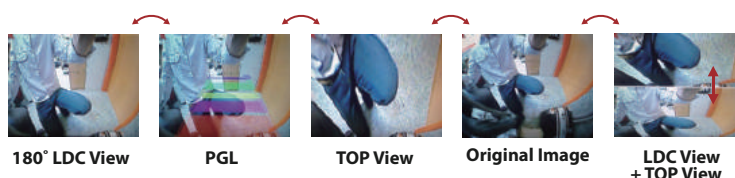
M143PHD

■ 180° PANORAMA CAMERA



Specifications

- HD (720p) Camera with Panorama Function
- Mirror Replacement Cameras
- Driver Monitoring
- Multi-view Cameras



180° View ↔ 180° Correction ↔ TOP View ↔ Multi View

WIRELESS SYSTEM

■ RX / TX SYSTEM

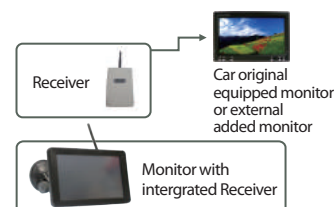


RX & TX



Specifications

- Wireless Frequency
- Monitor Connection
- Status of signal Connection
- Data Transmission
- Communication distance
- Camera



SPECIAL PRODUCT 2

T1

■ CAR PARKING SYSTEM



Specifications

- 4.3 inch LCD Display
- Easy mounting on the room mirror without a screw
- Four different alarm sounds
- Rear-View camera installed in the room mirror
- Ultrasonic sensors installed in the rear bumper
- DC 12V or 24V or free volts (option)
- Length of cable : 2.5 meter

LCD SPECIFICATIONS

- Input Power : 12V or 24V or free voltage (option)
- Operating Temperature : -20°C~65°C
- Length of Cable : 2.5 meter (Longer cable are available)



CAMERA/SENSOR SPECIFICATIONS

- Input Power : 12V or 24V or free voltage (option)
- Operating Temperature : -20°C~65°C
- Length of Cable : 8 meter (Longer cable are available)



CAMERA

- 1/2.9" Class Single Chip (60fps)
- 410K Pixel CMOS VGA output
- Low-illumination : 0.3Lux (LED On : 0Lux)
- 136 ° Wide Viewing Angle
- Waterproof Camera and Cable
- Built-in 7 IR LEDs

REAR SENSOR

- Sensor : Ultrasonic Sensor
- Ultrasonic Frequency : 40kHz
- Distance : 0.4 meter to 1.8 meter
- Waterproof Sensor and Cable

D17FHD

■ WATER-PROOF 1CH & 2CH AHD MDVR



Specifications

- Quattro D17 : HD 1280 X 720P or FHD 1980 x 1080P
- SD Memory SD Card up to 128GB
- Optional GPS
- Built-in G-Sensor
- Low Battery Monitoring (Cut-off Function)
- Wifi (App_iOS & Android)
- PC Viewer (OS support : Window XP or higher version)
- 30fps (2CH Option)
- Voltage : 12~24V
- Size : 70 x 50 x 17mm (Main body)
- Full-HD / HD / VGA Type



■ CAMERA FOR D17



M176FHD INDOOR / HD & Full-HD

- Full HD 1080P Indoor Camera
- 1/3" FHD CMOS Image Sensor
- Low illumination



M177FHD OUTDOOR / HD & FHD

- HD / FHD Side and Rear Water-proof Camera
- 1/3" CMOS Image Sensor
- Angle : 145 ° (D)



M143FHD OUTDOOR / HD & FHD

- HD / FHD Side and Rear Water-proof Camera
- 1/3" CMOS Image Sensor
- Angle : 145 ° (D)



M291FHD OUTDOOR / IR / VGA & HD & FHD

- HD / FHD IR Side and Rear Water-proof Camera
- 1/4" or 1/3" CMOS Image Sensor
- Angle : 76.3 ° (V), 100.2 ° (H), 132 ° (D)

VGA / AHD / Quad MONITOR

L11H / L11H - Quad

- 1CH or 4CH LCD MONITOR



1~2CH



4CH

Specifications

- 7" brand New Panel / Aspect Ratio 16:9
- 4CH Quad Video Inputs & 1CH Audio Inputs
- Resolution 800(H) x 480(V) x RGB
- Luminance 450cd / m² (Brightness)
- Auto Detect NTSC or PAL
- Up & Down / Left & Right Screen Flip Function
- Full OSD Function
- Full Functional IR Remote Control
- Side Button
- Built-in Parking Guideline

L11W / L11W - Quad

- WATER-PROOF
- 1CH or 4CH LCD MONITOR



1~2CH



4CH

Specifications

- 7" brand New Panel / Aspect Ratio 16:9
- 4CH Quad Video Inputs & 1CH Audio Inputs
- Resolution 800(H) x 480(V) x RGB
- Luminance 450cd / m² (Brightness)
- Auto Detect NTSC or PAL
- Up & Down / Left & Right Screen Flip Function
- Full OSD Function
- Full Functional IR Remote Control
- Touch Button
- Built-in Parking Guideline
- IP 65 or IP 67

L11AHD / L11WAHD

- AHD (720P) LCD MONITOR
(WATER - PROOF & NON WATER - PROOF)



AHD 1~2CH



AHD 1~2CH

Specifications

- Input Upto 1280x720P Resolution
- AHD 720P/CVBS Input Support
- 7" Digital Panel (1,152,000 Pixel)
- 2 Video or 4 Video Inputs & Audio Inputs
- Resolution 800(H) x 480(V) x RGB
- Monitor Function in Reverse Gear
- Auto detect AHD & CVBS Input
- Up & Down / Left & Right Screen Flip Function
- Full OSD Function
- Side Button / Touch Button
- Built-in Parking Guideline
- IP 65 or IP 67 (Option)

LCD MONITOR

L8HD

■ 7" LCD MONITOR



Specifications

- 173(H) x 118.5(V) x 19.5(T) mm
- 7.0 inch WVGA TFT-LCD with TSP
- Resolution : 800 x 3(RGB) x 480
- Video Input / Cam Video Input / HDMI Input
- IR Remote Control (Built-in IR Remocon-sensor)
- Wireless Audio IR transmitter included (Option)
- Function Button (Power, Source, Menu, Up, Down)
- Automatic Light Sensor (Dimming Control)

L9HD

■ 9" LCD MONITOR



Specifications

- 239(H) x 133(V) x 22(T) mm
- 9.0 inch WVGA TFT-LCD with TSP
- Video Input / Cam Video Input / HDMI Input
- IR Remote Control (Built-in IR Remocon-sensor) (Option)
- Smartphone Rechargeable Power Supply (micro-USB) (Option)
- Function Button (Power, Source, Menu, Up, Down, ASPECT)
- HDMI Input & AHD (Option)

L10

■ 4.3" ROOM MIRROR LCD MONITOR



Specifications

- 4.3 inch LCD Display
- Easy mounting on the room mirror without a screw
- DC 12V or 24V or Free volts
- Length of cable : 2.5 meter



Left Sensor



M290H



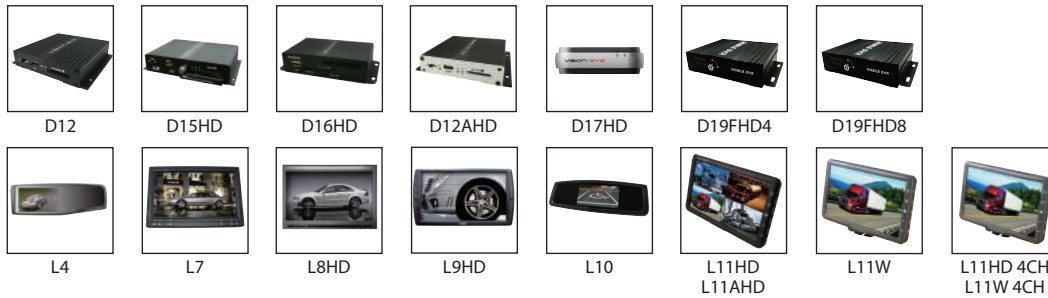
Right Sensor

PRODUCTS

BLACKBOX



MDVR / MONITOR



MOBILE CAMERA



VEHICLE CAMERA



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