

# MXN<sup>®</sup>

## CAMERA SYSTEMS



FOR SAFETY

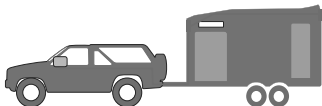
CATALOG

# MXN® CAMERA SYSTEMS

All MXN® camera systems in this catalogue are especially developed for mobile purposes like Sideview (blind spot), Rearview or general view on (commercial and non-commercial) vehicles.

Besides the fact that the MXN® camera systems are a major support for the safety of human beings, the MXN® camera systems also help to avoid material damages caused by "unnecessary" collisions. The investment in a high quality MXN® camera system pays for itself by receiving a no-claim bonus when driving without accidents.

Some of the many purpose examples: trucks, coaches, cars, (mini-)vans, campers, agriculture vehicles/machinery, cranes, loaders, shovels, forklift trucks, trailers, boats and of course also for surveillance in shops, offices, houses, carports, etc.



# Complete Systems

## COMPLETE SYSTEMS

Below schematic diagram shows exactly which model MXN® camera can be connected to which model MXN® monitor. Also a combination of 2 (or more) model cameras connected with 1 monitor is possible, because all MXN® monitors have at least 2 camera inputs.

A complete system contains 1 monitor/LCD, 1 camera, 1x20M STANDARD cable, powercable and mounting accessories.

CAMERA \ MONITOR/LCD		CAMERA							
		MXN12B	MXN12C	MXN22B	MXN22C	MXN90B	MXN90C	MXN91B	MXN91C
	MXN45 (4.5" monitor)	MXN4512B*		MXN4522B**				MXN4591B	
	MXN55 (5.5" monitor)	MXN5512B*		MXN5522B**		MXN5590B		MXN5591B	
	MXN5000 (5" LCD)	MXN5012B	MXN5012C	MXN5022B	MXN5022C	MXN5090B	MXN5090C	MXN5091B	MXN5091C
	MXN6800 (6.8" LCD)	MXN6812B	MXN6812C	MXN6822B	MXN6822C	MXN6890B	MXN6890C	MXN6891B	MXN6891C
	MXN7000 (7" split LCD)	MXN7012B	MXN7012C	MXN7022B	MXN7022C	MXN7090B	MXN7090C	MXN7091B	MXN7091C

\* This combination only shows MIRROR VIEW (for REARVIEW purpose)

\*\* This combination only shows NORMAL VIEW (for SIDEVIEW or general view purpose)

# Monitors / TFT LCD's



## MXN45 BLACK-WHITE MONITOR

High quality 4.5" black-white monitor, very compact housing with soft touch coating, 2 camera inputs, built-in day/night sensor, built-in speaker for one-way audio, automatic switch ON (by reverse gear), quick picture start by Standby function, RCA Audio/Video output, display illumination, E-approval.

### SPECIFICATIONS

TV system	CCIR
Tube	4.5" (11.25cm) diagonally measured
Resolution	500 TV lines
Installation	Red: +10~32V DC (Standby, via ignition) Black: ground
Auto switch ON	Green: +10~32V DC (via reverse gear)
Powerconsump.	20 Watt max.
Shockproof	5G
A/V input	4-pin mini DIN: 2 channel
A/V output	RCA: 1 channel
Operating temp.	-15°C ~ +50°C (indoor use only)
Dimensions	128 (B) x 117.5 (H) x 155 (D) mm
Weight	Approx. 2Kg (including mounting bracket)



## MXN55 BLACK-WHITE MONITOR

High quality 5.5" black-white monitor, soft touch coated housing, 2 camera inputs, 1 external A/V input, built-in speaker for one way audio, automatic switch ON by reverse gear and/or by direction lights, quick picture start by Standby function, standby LED, E-approval.

### SPECIFICATIONS

TV system	CCIR
tube	5.5" (13.75cm) diagonally measured
Resolution	600 TV lines
Installation	Red: +10~32V DC (Standby, via ignition) Black: ground
Auto switch ON	Green: +10~32V (via reverse gear) CA1 White: +10~32V (via direction lights) CA2
Priority	CA1 has highest priority (in case DC power on both green and white wires at the same time)
Powerconsump.	30 Watt max.
Shockproof	5G
A/V input	4-pin mini DIN: 2 channel & RCA: 1 channel
Operating temp.	-15°C ~ +50°C (indoor use only)
Dimensions	176 (W) x 127 (H) x 196 (D) mm
Weight	Approx. 2Kg (including mounting bracket)



## MXN5000 TFT LCD

A-quality 5" TFT LCD, 2 camera inputs, free voltage, built-in speaker, On Screen Menu for all settings: Volume, Brightness, Color, Contrast, distance Scale ON/OFF, Normal/Mirror view CA1 / CA2, Autoscan ON/OFF; automatic switch ON (by reverse gear and or by direction lights), built-in day/night sensor for illumination of the control knobs, easy removable by connector in the central cable, E-approval.

### SPECIFICATIONS

TV system	PAL
LCD	5" (12.5cm) diagonally measured
Resolution	960 x 234 pixels
Installation	Red: +12~32V DC (Standby, via ignition) Black: ground
Auto switch ON	Green: +10~32V (via reverse gear) CA1 White: +10~32V (via direction lights) CA2
Priority	CA1 has highest priority (in case DC power on both green and white wires at the same time)
Powerconsump.	10 Watt max.
Shockproof	5.5G
A/V input	4-pin mini DIN: 2 channel
Operating temp.	-10°C ~ +60°C (indoor use only)
Dimensions	170 (W) x 115 (H) x 28 (D) mm
Weight	Approx. 1Kg (including mounting bracket)

# Monitors / TFT LCD's



## MXN6800 TFT LCD

A-quality 6.8" TFT LCD, 2 camera inputs, free voltage, built-in speaker, On Screen Menu for all settings: Volume, Brightness, Color, Contrast, distance Scale ON/OFF, Normal/Mirror view CA1 / CA2, Autoscan ON/OFF; automatic switch ON (by reverse gear and/or direction lights), built-in day/night sensor for illumination of the control knobs, easy removable by connector in the central cable, E-approval.

### SPECIFICATIONS

TV system	PAL/ NTSC (selectable)
LCD	6.8" (17cm) diagonally measured
Resolution	1152 x 234 pixels
Installation	Red: +12~32V DC (Standby, via ignition) Black:ground
Auto switch ON	Green: +10~32V (via reverse gear) CA1 White: +10~32V (via direction lights) CA2
Priority	CA1 has highest priority (in case DC power on both green and white wires at the same time)
Powerconsump.	10 Watt max.
Shockproof	5.5G
A/V input	4-pin mini DIN: 2 channel
Operating temp.	-10°C ~ +60°C (indoor use only)
Dimensions	195 (W) x 140 (H) x 28 (D) mm
Weight	Approx 1.2Kg (including mounting bracket)
Optional	MXN68SUNVISOR (anti reflection sunvisor)

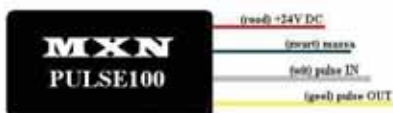


## MXN7000 SPLITSCREEN TFT LCD

A-quality 7" TFT LCD, rubber coated housing, 4 camera inputs, free voltage, multiple viewing modes: 1 camera (FULL SCREEN), 2 cameras (DUAL SPLIT), 3 cameras (TRIPLE) and 4 cameras (QUAD) On Screen Menu for all settings: Volume, Brightness, Color, Contrast, distance scale ON/OFF, independent Normal/Mirror view per camera, Autoscan ON/OFF, SPLIT SCREEN setup, etc. Automatic switch ON by possibility of independent triggering, switch OFF delay, built-in day/night sensor for illumination of the control knobs, easy removable by connector in central cable, external Audio/Video input, includes external controllerbox which needs to be installed behind the dashboard, E-approval.

### SPECIFICATIONS

TV systems	PAL/NTSC (AUTO)
LCD	7" widescreen (17.5cm diagonally) 16:9
Resolution	1440 x 234 pixels
Installation	Via supplied controllerbox as below: Red: +12~32V DC (Standby, via ignition) Black: ground
Auto switch ON	Green: +10~32V (via reverse gear) CA1 White: +10~32V (via direction lights) CA2 Blue: +10~32V (CA3) Yellow: +10~32V (CA4)
Priority	CA1 has highest priority (in case DC power on several trigger wires at the same time) CA4 has lowest priority (in case DC power on several trigger wires at the same time)
Powerconsump.	10 Watt max.
Shockproof	5.5G
A/V input	4-pin mini DIN: 4 channel & RCA: 1 channel
A/V output	RCA: 1 channel
Operating temp.	-10°C ~ +50°C (waterproof, IP54)
Dimensions	MXN7000: 197(W) x 134(H) x 28(D) mm Controllerbox: 154(L) x 105(H) x 23(D) mm
Weight	Approx. 1.5 Kg (including mounting bracket)



## Option: MXN-PULSE100

Speed-switch for trucks with tachograph (type 1314 / 1318), activates a camera automatically at a speed <15 km / hour\* and switches the same camera OFF again at a speed >15 km / hour\* The MXN-PULSE100 is exceedingly suitable to activate a "FRONT VIEW" camera (and/or SIDEVIEW camera).

### SPECIFICATIONS

Installation	Red: +24V DC (via ignition) Brown: ground White: Pulse IN (via tachograph type 1314 / 1318) Yellow: Pulse OUT, 24V DC (trigger LCD/monitor)
Powerconsump.	80mA max.
Dimensions	110(L) x 75(H) x 40(D) mm
Weight	135 Gram

\* this switching moment is adjustable during production of the MXN-PULSE100.

# Black-white camera's



## MXN12B BUMPER CAMERA

High quality black-white camera, aluminium housing; exceedingly suitable for flushmount installation, supplied with fixation nuts and 2 sets "various angled spacers" for mounting in sloping surfaces, easy installation, (MIRROR view setting), E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (CCIR)
Pixels	320.000
Resolution	380 TV lines
Min. Illumination	0.6 Lux
Viewing angle	120° (diagonally)*
Shockproof	10G
Power	12V DC (via monitor/LCD)
Powerconsumption	100mA max
Operating temp.	-20°C ~ +65°C
Waterproof	IP67
Weight	Approx. 150g
Dimensions	30 (dia) x 55(L) mm
Connector	4-pin mini DIN (waterproof)



## MXN22B BALL CAMERA

Compact, high quality black-white camera, built-in Infra Red LED's for picture support in the dark, automatic heating below +10°C, aluminium housing, built-in microphone for one-way audio, easy installation + simple adjustment possibilities, exceedingly suitable for SIDEVIEW and of course also suitable for other purposes, stainless steel mounting accessories, E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (CCIR)
Pixels	512H x 582V (290.000)
Resolution	380 TV lines
Min. Illumination	0.1 Lux
Viewing angle	130° (diagonally)*
Shockproof	10G
DC Power	12V DC (via monitor/LCD)
Powerconsumption	150mA max.
Operating temp.	-20°C ~ +70°C
Waterproof	IP68
Weight	Approx. 160g
Dimensions	52 (dia) x 62(H) x 73(B) mm
Connector	4-pin mini DIN (waterproof)



## MXN90B AUTOSHUTTER CAMERA

Solid, high quality black-white camera, automatic motorized protection shutter, built-in Infra Red LED's for picture support in the dark, automatic heating below +10°C, aluminium housing, built-in microphone for one-way audio, switchable magnetic screw for NORMAL/MIRROR view selection, sunvisor, stainless steel mounting accessories, E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (CCIR)
Pixels	320.000
Resolution	380 TV lines
Min. Illumination	0.1 Lux
Viewing angle	120° (diagonally)*
Shockproof	10G
DC Power	+12V A/V, +9V autoshutter
Powerconsumption	500mA max.
Operating temp.	-30°C ~ +50°C
Waterproof	IP67
Dimensions	110(W) x 85(H) x 75(D) mm
Weight	Approx. 0.5Kg
Connector	4-pin mini DIN (waterproof)



## MXN91B CAMERA

Solid, high quality black-white camera, built-in Infra Red LED's for picture support in the dark, automatic heating below +10°C, aluminium housing, built-in microphone for one-way audio, switchable magnetic screw for NORMAL/MIRROR view selection, sunvisor, stainless steel mounting accessories, E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (CCIR)
Pixels	320.000
Resolution	380 TV lines
Min. Illumination	0.1 Lux
Viewing angle	120° (diagonally)*
Shockproof	10G
DC Power	+12V DC (via monitor/LCD)
Powerconsumption	360mA max.
Operating temp.	-30°C ~ +50°C
Waterproof	IP67
Dimensions	110(W) x 85(H) x 75(D) mm
Weight	Approx. 0.5Kg
Connector	4-pin mini DIN (waterproof)

\* The above mentioned lens viewing-angles are standard; optional these cameras can be supplied with another viewing angle: 20°, 40°, 78°, 105°, 120°, 140°, 170°, 190° (depending on purpose and model camera).

# Color camera's



## MXN12C BUMPER CAMERA

High quality color camera, aluminium housing; exceedingly suitable. for flushmount installation, supplied with fixation nuts and 2 sets "various angled spacers" for mounting in sloping surfaces, easy installation, (MIRROR view setting), E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (PAL)
Pixels	320.000
Resolution	330 TV lines
Min. Illumination	2.5 Lux
Viewing angle	120° (diagonally)*
Shockproof	10G
Power	12V DC (via monitor/LCD))
Powerconsumption	100mA max
Operating temp.	-20°C ~ +65°C
Waterproof	IP67
Weight	Approx. 150g
Dimensions	30 (dia) x 55(L) mm
Connector	4-pin mini DIN (waterproof)



## MXN22C BALL CAMERA

Compact, high quality color camera, built-in Infra Red LED's for picture. support in the dark, automatic heating below +10°C, aluminium housing, built-in microphone for one-way audio, easy installation + simple adjustment possibilities, exceedingly suitable for SIDEVIEW and of course also suitable for other purposes, stainless steel mounting accessories, E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (PAL)
Pixels	512H x 582V (290.000)
Resolution	330 TV lines
Min. Illumination	0.5 Lux
Viewing angle	130° (diagonally)*
Shockproof	10G
DC Power	12V DC (via monitor/LCD)
Powerconsumption	150mA max.
Operating temp.	-20°C ~ +70°C
Waterproof	IP68
Weight	Approx. 160g
Dimensions	52 (dia) x 62(H) x 73(B) mm
Connector	4-pin mini DIN (waterproof)



## MXN90C AUTOSHUTTER CAMERA

Solid, high quality color camera, automatic motorized protectionshutter, built-in Infra Red LED's for picture support in the dark, automatic heating below +10°C, aluminium housing, built-in microphone for one-way audio, switchable magnetic screw for NORMAL/MIRROR view selection, sunvisor, stainless steel mounting accessories, E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (PAL)
Pixels	320.000
Resolution	330 TV lines
Min. Illumination	0.5 Lux
Viewing angle	120° (diagonally)*
Shockproof	10G
DC power	+12V A/V, +9V autoshutter
Powerconsumption	500mA max.
Operating temp.	-30°C ~ +50°C
Waterproof	IP67
Weight	110(W) x 85(H) x 75(D) mm
Dimensions	Approx. 0.5Kg
Connector	4-pin mini DIN (waterproof)



## MXN91C CAMERA

Solid high quality color camera, built-in Infra Red LED's for picture support in the dark, automatic heating below +10°C, aluminium housing, built-in microphone for one-way audio, switchable magnetic screw for NORMAL/MIRROR view selection, sunvisor, stainless steel mounting accessories, E-approval.

### SPECIFICATIONS

Image sensor	1/3" CCD (PAL)
Pixels	320.000
Resolution	330 TV lines
Min. Illumination	0.5 Lux
Viewing angle	120° (diagonally)*
Shockproof	10G
Voeding	+12V DC (via monitor/LCD)
Powerconsumption	360mA max.
Operating temp.	-30°C ~ +50°C
Waterproof	IP67
Dimensions	110(W) x 85(H) x 75(D) mm
Weight	Approx. 0.5Kg
Connector	4-pin mini DIN (waterproof)

\* The above mentioned lens viewing angles are standard; optional these cameras can be supplied with another viewing-angle: 20°, 40°, 78°, 105°, 120°, 140°, 170°, 190° (depending on purpose and model camera)

# Accessories



## STANDARD CABLES (4-pin mini DIN )

High quality cable to be installed between camera and monitor/LCD It is important to measure the required cable length before purchasing a camera. This cable has a waterproof female connector on the camera side and has a normal male connector on the monitor/LCD side.

MODELNUMBER	LENGTH
RV DINW5M	5 meter
RV DINW10M	10 meter
RV DINW15M	15 meter
RV DINW20M	20 meter
RV DINW40M	40 meter
RV DINW80M	80 meter



## EXTENSION CABLES (4-pin mini DIN )

High quality cable to be installed between an existing STANDARD cable (see above) and camera. This cable has waterproof connectors on both sides (male ~ female) and can be used as "extension cable". This cable is exceedingly suitable in combination with below TRAILERSETS.

MODELNUMBER	LENGTH
RV DINWW5M	5 meter
RV DINWW10M	10 meter
RV DINWW20M	20 meter
RV DINWW40M	40 meter



## 1CAMTRAILERSET

Unique and solid, detachable cable/connector set between tractor and trailer for 1 camera. This set contains 3 parts: 1CAMSOCKET-M (tractor side), CURL-E coil cable and 1CAMSOCKET-F (trailer side). In order to mount this set as complete system it is important to choose the optional required cable length in advance: STANDARD cable (see above) on tractor side and EXTENSION cable (see above) for the trailer side.

- ### FEATURES TRAILERSETS
- Plug & Play
  - Unique: not interchangeable with existing connectors on vehicles
  - Both sides detachable
  - Aluminium connectors with proper fixation to avoid disconnected coil cable
  - Oil proof 7-pin coil cable with good memory capacity
  - Coil cable expendable upto 4 meter



## 2CAMTRAILERSET

Unique and solid, detachable cable/connector set between tractor and trailer for 2 cameras. This set contains 3 parts: 2CAMSOCKET-M (tractor side), CURL-E coil cable and 2CAMSOCKET-F (trailer side). In order to mount this set as complete system it is important to choose the optional required cable length in advance: STANDARD cables (see above) on tractor side and EXTENSION cables (see above) for the trailer side. (this model does not support the one-way Audio function via CA2)

Optional: PARKINGSOCKET  
In order to "park" a one-side disconnected CURL-E coil cable the optional PARKINGSOCKET is required





# Adapter cable



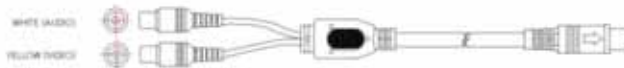
## ADP-1

### DESCRIPTION ADP-1

4-pin mini DIN female ~ RCA male AUDIO/VIDEO & DC plug (35cm)

The ADP-1 adapter can be used in order to connect a camera\* (mentioned in this catalogue) with a TV or any other monitor/LCD. The camera needs to be connected with separate 12V DC power!

\*not suitable for camera models MXN90B & MXN90C.



## ADP-2

### DESCRIPTION ADP-2

4-pin mini DIN male ~ RCA female AUDIO/VIDEO (approx. 35cm)

The ADP-2 adapter can be used to invert a 4-pin mini DIN camera Input from a monitor/LCD (mentioned in this catalogue) into a RCA AUDIO/VIDEO Input in order to connect an external videosource like: DVD speler, game-computer, navigationsystem, etc.



## ADP-10

### DESCRIPTION ADP-10

4-pin mini DIN male ~ 4-pin mini DIN female waterproof (approx. 18cm)

The ADP-10 adapter can be used as direct connection between any camera and monitor/LCD (mentioned in this catalogue).

Exceedingly suitable for test- or demonstration purpose.



## KMB-124

### 12" BLACK-WHITE SURVEILLANCE MONITOR, 4-CHANNEL, 220V AC

Professional 12" black-white surveillance monitor with metal case housing and 4 camera inputs; suitable for 220V AC and can be used in combination with optional VHS timelapse videorecorder (24 hours or 960 hours recording at normal E-180 VHS tape). Purpose examples: office, shops, fual stations, home, etc.

### SPECIFICATIONS KMB-124

TV system	CCIR / EIA (selectable)
Tube	12" (30cm), diagonally measured
Resolution	800 TV lines
A/V input	4-pin mini DIN: 4 channel & BNC: 4 channel
A/V output	RCA: 1 channel
On Screen Menu	camera ID (CA1 ~ CA4)
Dwelltime	Adjustable, 1~10 seconds per camera
Speaker	0.5W
Power	220V AC (high temperature protected)
Powerconsump.	34W max.
Dimensions	297(W) x 285(H) x 290(D) mm
Weight	Approx. 9.2Kg

### FEATURES KMB-124

- High quality picture
- Metal housing
- 4 camera inputs
- Built-in speaker (for one-way audio)
- Audio/Video output for recording or slave monitor purpose
- LED indication of selected channel/function
- Auto-SCAN function
- Suitable for 220V AC
- Camera ID via On Screen Display (CA1 ~ CA4)

### OPTIONAL

MXN91B	black-white, infra red camera
MXN22B	black-white, infra red camera
Cable	(STANDARD): 5M, 10M, 15M, 20M, 40M or 80 Meter
WJ-2024	24-hours VHS timelapse recorder (at E-180 tape)
WJ-2096	960-hours VHS timelapse recorder (at E-180 tape)



WJ-2024  
WJ-2096

# UDVR (Digital Video Capture USB Device)



**UDVR** video capture USB device

The UDVR is a professional 4-channel video capture device; by connecting this unit with an available USB-port of a PC, the computer becomes a full function Digital Video Recorder. The UDVR features MPEG4 compression at 30fps. (4 cameras connected) upto 120fps. (1 camera connected)

Purpose examples: home, office, shops, hospitals, fuel stations, etc. (where surveillance is requested and where a PC is available).



With the supplied software it is very easy to view the various viewingmodes: QUAD: 4 cameras at the same time, FULL SCREEN: 1 camera at the same time or SCAN: dwelltime between the next camera picture.

The supplied software can be protected against intruders by using a username & password. Unauthorised persons will not be able to erase the recorded frames from your PC easily.



## FEATURES UDVR

- Easy installation (USB 1.1 & USB 2.0)
- 4-channel: 30~120 frames per seconde display & record
- This unit features MPEG4 compression
- Various recording possibilities (time scedual / motion detect via supplied software or by external optional PIR sensor)
- The during "alarm status" recorded frames can be transferred to an e-mail address by internet
- Easy search back of recorded frames
- Userfriendly
- "Dynamic IP Network" support via LAN / WAN for distance viewing of the pictures via internet
- "Static IP Network" support for distance viewing of the pictures (via internal network)
- PTZ (PAN/TILT/ZOOM) camera support

## INPUT/OUTPUT SPECIFICATIONS

USB port	1 port (to be connected with USB port of PC)
Video Output	BNC: 1 channel (for slave monitor)
Video Input	BNC: 4 channel (camera 1 ~4)
Power output	12V DC: 4 camera (camera 1~4)
Power Inpuitt	by supplied AC-DC adaptor
Afmetingen	226(L) x 120(H) x 38(D) mm
Gewicht	0.4Kg

## RECOMMENDED PC SPECIFICATION

CPU:	P-3 800MHz or higher (recommended: P-4 1.7GHz or higher)
RAM:	more than 128MB recommended 256MB or more)
VGA:	32MB or higher version
Harddisk:	3Gb or more (recommended: 40Gb or more)
OS:	WINDOWS 98SE, ME, 2000, XP (recommended WINDOWS 2000, XP)

## INCLUDED ACCESSORIES

- USB kabel
- AC-DC adaptor
- Software CD ROM (for server & client)
- Instruction manual (english)

## OPTIONAL

- Camera(s) + cable(s) & installation accessories
- External PIR sensor(s) / motion detector(s))

# MXN7100DT

DVD TABLET with built-in MP3-player, memorycard-player  
& camera input



Portable DVD player with unique HD picture quality, stereo audio quality, built-in CD / VCD / MP3 player and memorycard reader for playback of photos/movies recorded on memorycard (supports MMC/SD/MS).

The free input voltage (11-28V DC or 220V AC) makes the MXN7100DT suitable for many purposes like: trucks, cars, home, office, holidays, camping, boat, etc.



Via the supplied multicable it is also possible to connect an optional (rearview) camera which can be activated automatically via the reverse gear. The MXN7100DT is supplied with a multi-functional carrybag which can be easily adjusted for headrest-mounting or sunvisor-mounting.



The MXN7100DT can be extended with an optional (wireless) head-phone and can be extended with an optional "slave" monitor in order to view the same pictures at 2 LCD's at the same time. The optional "slave" monitor model MXN7100 has the exact same design as the MXN7100DT.

## SPECIFICATIONS MXN7100DT

TV system	PAL/NTSC
LCD	7" widescreen (17.5cm), diagonally measured
Brightness	450 cd/m <sup>2</sup>
Resolution	480(B) x 234(H) pixels
A/V input-output	RCA: 1 channel
Camera input	4-pin mini DIN
On Screen Menu	for Volume, Contrast, Brightness, Source, Normal/Mirror view, WIDE, NORMAL, FULL, etc.
Power	11-28V DC (via supplied AC-DC adaptor, via supplied cigarettelighterplug cable or via optional MXN71BATTERY pack (LI-ION)
Powerconsump.	17Watt max
Operating temp.	0°C ~ +40°C
Dimensions	205(W) x 150(H) x 27(D) mm
Weight	Approx. 0.8Kg (excl. optional batterypack)

## FEATURES MXN7100DT

- Supports DVD, VCD, CD, memorycard (MMC/SD/MS) and JPEG files
- Camera input with auto switch ON function
- Last memory Playback function
- Compatible with normal TV or any other monitor/LCD
- Compatible with Handycams (for playback of recorded films)
- Adjustable self supporting stand (for office / home use)
- Free voltage
- Can be extended with optional, easy click-on batterypack for 2.5 hours wireless DVD viewing
- Extreme good viewing angle

## SUPPLIED ACCESSORIES

- Multi-functional carry bag (for headrest/sunvisor mounting and to transport all included accessories easily.
- Plastic box for accessories (fits in multi functional carry bag)
- Soft carry case to protect MXN7100DT unit against scratches
- Wireless remote control including batteries
- Mounting bracket (for dashboard installation)
- Power/charge cable with cigarettelighter plug (11-28V DC)
- 24-pin multicable (Audio-Video IN/OUT, camera Input & trigger)
- AC-DC adaptor/charger (220V AC ~ 12V DC, 2A)
- Instruction manual (english)

## OPTIONAL

MXN71BATTERY	LI-ION, 11.1V DC output & 11-28V DC input, 3.5A
MXN12B	black-white bumper camera
MXN12C	color bumper camera
MXN22B	black-white ball camera
MXN22C	color ball camera
MXN7100	"slave monitor"
	TV tuner (wireless) headphone Memorycard (MMC / SD / MS)



**MXN**

