

# MXN22C

# Color, Autoheated, Infra Red camera

## Features

- High performance Color camera
- Extremely high quality picture in low light circumstances by built-in IR LED's
- Automatic heating when the temperature is below +10°C
- Easy installation & adjustment by smart design for automotive purposes (sideview, rearview, etc.)
- Waterproof housing (IP68)
- 130° viewing angle (diagonally measured)
- Built-in microphone
- E approval

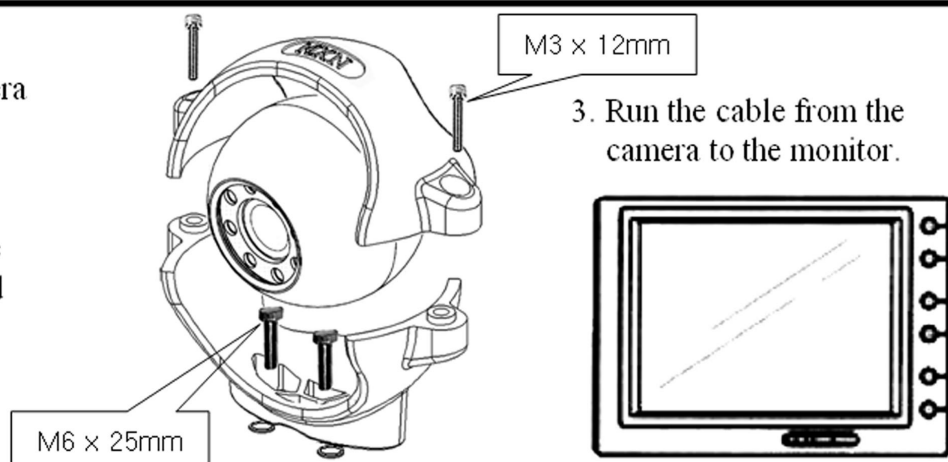
## Camera input connector pin description.



Pin No	Description
1	Video out
2	Heater function(9-12V DC)
3	Audio out
4	Power (9-12V DC)
5	Ground

## Camera installation

1. Assemble the bracket with camera according following drawing:
2. Attach the supplied mounting bracket to the vehicle, adjust the viewing angle of the camera and fasten the screws firmly.



## Connection

## Specifications

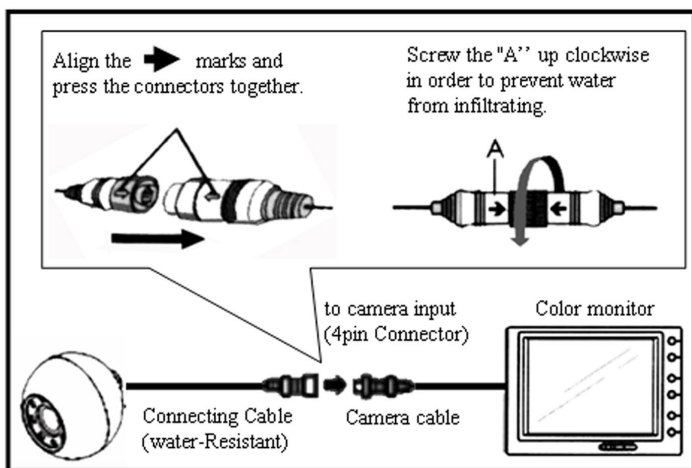


Image Sensor	1/3inch interline transfer type Color CCD
Effective Pixels	512H X 582V (290K pixels)
Scanning System	625 Lines 2:1 Interlace
Scanning Frequency	15.625KHz, 50Hz(V)
Synchronization	Internal
Resolution	330TV lines
Required illumination	0.05 Lux Minimum
Signal to noise ratio	Minimum 44dB (at AGC off)
Power supply	DC 12V +/- 10%
Power consumption	110mA Max (DC12V)
Operating temp.	-20°C to +70°C
Weight	Approx. 160g
Dimensions Ball	Ø52mm
Dimensions Bracket	73mm x 64mm
Supplied Acc'y	M6 x 25mm Stainless machine screw (2) M3 x 12mm Stainless machine screw (2) M5 x 16mm Stainless tapping screw (2) Nylon Nut (2) Camera Bracket (1) Rubber O-Ring (2) Allen wrench 3mm (1)

## Caution !!

1. Before making the connection, disconnect the ground terminal from the battery to avoid short circuits.
2. A damaged cable can cause defects to the camera; avoid this! Run the cable in natural directions.
3. Use acid-free vaseline/grease between the connectors & screws before fixation for a guaranteed long lifetime.