REVCAMUK
Reversing cameras UK Ltd

Instructions for the MON16AHD
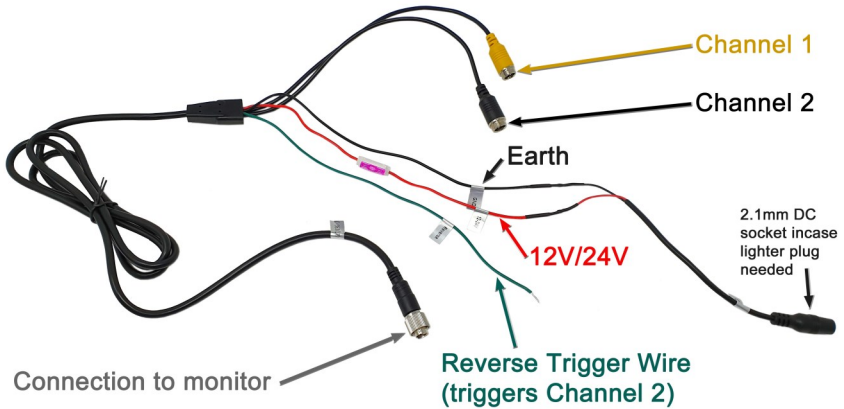
Technical Specs

7" Colour LCD screen	Active Area: 154.08(W) x 85.92(H) mm
Power supply: 12V/24V	Operating Temperature: -20C to +65C
Power Consumption: 6W Max	Storage Temperature: -25C to +70C
Digital Screen Resolution: 1024W x (RGB) x 600	2 Inputs (AHD/CVBS)
Contrast: 400:1	PAL/NTSC/AUTO
Brightness: 300cd/m2	Mirror/Normal Switch on both channels
Viewing Angle U/D:50°/70°, R/L:70°/70°	Full function Remote Control

Our MON16AHD is a hybrid AHD 7 inch monitor. The screen has been fitted with an upgraded IPS panel with a higher number of pixels than the standard CVBS model.

The monitor will take BOTH the traditional CVBS cameras, as well as the new AHD technology cameras. It is worth noting that a few NTSC format CVBS cameras can display strangely on AHD monitors. In an ideal world we recommend using AHD cameras on AHD monitors, and CVBS cameras on CVBS monitors.

Wiring Harness Layout

Channel 1
Channel 2
Earth
2.1mm DC socket incase lighter plug needed
12V/24V
Connection to monitor
Reverse Trigger Wire (triggers Channel 2)

Connecting the monitor to wiring harness

Please be careful when inserting the connection from the monitor to the wiring harness. We get about 2 or 3 people a year phone us up for a re-placement wiring harness as they bent the pins after not noticing the arrows that need to be lined up be-fore pushing together.

Arrows should point to each other

Button Layout

This monitor has touch sensitive buttons, as opposed to physical push in buttons. We find these are really responsive and easy to use. Here is a quick guide below to what each of the buttons do.

- = Down
+ = Up
MEN = Menu/Enter
CAM = Change Channel
MOD = Mode (various picture settings)
POW = Power On/Off

How to operate the menu system

The menu system is one of the simpler ones to operate, to enter the menu simply press the button labelled MEN. To scroll though the settings simply epeatedly press the MEN button until you reach the setting you wish to modify. Once you are on the setting you wish to change, use the + or -- buttons to toggle between the settings.

Various Settings Guide (In order)

Brightness - This setting will modify how bright the image is displayed.

Contrast - This setting will modify how much contrast the image displays

Color - This setting will modify how much colour is displayed in the image

Language - This setting will change the language that is used in the menu system (be careful with this one)

Default Setting - This reverts the image settings back to default (this won't affect language/rotation etc.

Volume - Most cameras don't have a microphone, but if you do fit a camera with a microphone then you can choose what volume this is played back by the monitor using this setting

RLUD - 2 = Normal (no alteration), 3 = will flip the image upside down and add a mirror image, 4 = will just flip the image upside down, 1 = Horizontal flip this will mirror the image (this is the option should you wish to convert one of the cameras to a normal view ie let the monitor cancel the cameras mirror image out by adding another mirror. **YOU CAN SET EACH CHANNEL INDIVIDUALLY FOR ROTATION, SIMPLY ENSURE YOU ARE ON THE CHANNEL YOU WANT TO MODIFY WHILST IN THE MENU.**

VCOM - We are currently not sure of this function, but recommend not adjusting it

Ruler Setting - Turning this ON will mean guidelines are displayed on channel 2 when the green trigger wire has power input

Guidelines / Ruler Setting

If you have turned the ruler setting ON, and connected the green wire to a reverse power supply, then everytime you reverse you should see lines. To adjust these simply select reverse, whilst the lines are visible, use the + and - key to adjust the vertical position. Sadly no width adjustment can be made. See photos below for max and min adjustment heights.

Standard Mount Fitting

When using the standard mount, there is only one position you can secure the monitor. See the photo to the right to see the indentation made to allow for the length of the bolt to secure to the square washer.

If you position the bolt in to the wrong part of the channel then the monitor won't tighten sufficiently and could damage the plastic back of the monitor.

See the below for details of other brackets available from our site.

Our other brackets allow more adjustment and don't require lining up to this indentation.

Optional Brackets for monitor

ACC041

Quick Release Bracket for our stand on dash monitors

ACC20540

Ceiling Mount Bracket to fit a dash monitor to ceiling location

ACC705B

Alternative bracket for our stand on dash monitors

ACC38

Suction Mount for temporarily mounting stand on dash monitors