

# QVEE 7" Heavy Duty HD Reverse Camera Kit

AUTOMOTIVE | MINING | MARINE #QVCMN7HD

www.qvee.com.au

## DESCRIPTION

The QVCMN7HD is a high quality HD reverse camera kit. The camera used is a QVCM86HD heavy duty HD reverse camera with 15m of infrared night vision. The monitor is a QVMN27HD high quality 7" colour LCD digital monitor with 3 HD channels. This kit also comes with 15 meter extension lead cable (QVCML15MHD).



## FEATURES

- TFT LCD monitor with wide angle view and high resolution display.
- Multiple language for easy user navigation
- Supports 1080P / 720P / PAL / NTSC / AUTO video formats
- Night vision distance of up to 15m (4 infrared lights)
- 130° camera viewing angle
- IP69K dust & water protection camera
- Up to 3 AV inputs, switchable via button or remote control

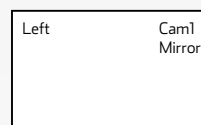
### Comprises:

- 1 x 7" colour LCD monitor
- 1 x Colour HD reverse camera
- 1 x Centre / U-support mounting bracket
- 1 x Remote control
- 1 x 15m extension lead cable
- 1 x Sun shield & fixing screws

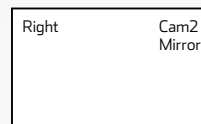
### 1 YEAR WARRANTY

## WIRING DIAGRAM

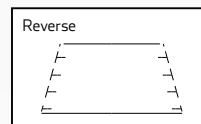
Wire Colour	Description
White - Cam 1	• White 4 pin male for camera 1 - left indicator
Blue - Cam 2	• Blue 4 pin male for camera 2 - right indicator
Brown - Cam 3	• Brown 4 pin male for camera 3 - reverse
Red Wire	• Single core red wire - connect to power supply (+)
Black Wire	• Single core black wire - connect to power supply (-)
White Wire	• Single core white wire - connect to left indicator light
Blue Wire	• Single core blue wire - connect to right indicator light
Brown Wire	• Single core brown wire - connect to reverse light



Connecting the white wire will allow the monitor to automatically switch towards the left camera view when a signal is active.

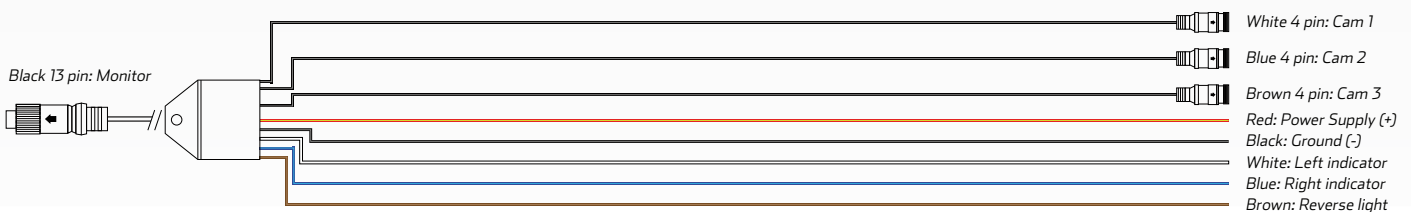


Connecting the blue wire will allow the monitor to automatically switch towards the right camera view when a signal is active.



Connecting the brown wire will allow the monitor to automatically switch towards the reverse camera view when a signal is active.

Mirroring the camera (horizontal / vertical flip) are adjusted via the use of the remote or monitor button.



## CAMERA SPECIFICATIONS #QVCM86HD

Image Device	• 1/2.9" CMOS (IMX323)	Dynamic Range	• 81dB
Frame Rate	• 25 / 30 fps	White Balance	• Auto
Effective Pixel	• 1920 (H) x 1080 (V) pixels	Electronic Shutter	• 1/30 (1/25) – 1/50,000 Sec
Pixel Pitch	• 2.9 µm x 2.9 µm	BLC	• Auto
Scanning System	• Progressive Scanning	Current Consumption	• Max. 220 mA
Sync. System	• Internal	Power Supply	• DC 12 Volt
Resolution	• 1080P	Connection	• 4 PIN
Minimum Illumination	• 0 Lux (with IR)	Anti-Vibration	• 5.9 g
Microphone	• Yes	Operating Temperature	• -20°C – 70°C, RH 95% MAX
Video Output	• 1.0 Vp-p, 75 Ohm	Lens	• f = 2.8 mm
Gamma Consumption	• 0.45	Lens Angle	• 130°
AGC	• Auto	Night Vision Distance	• 12 - 15m
IP Rating	• IP69K rated	Dimensions	• 114mm W x 77.5mm H x 72.3mm D

## MONITOR SPECIFICATIONS #QVMN27HD

LCD Size	• 7"	Storage Temperature	• -30° – +80° C, RH 90%
Resolution	• 1024 x 3 (RGB) x 600	Power Consumption	• Approx. 8 W
Power Inputs	• DC 10 - 32 Volt	Video Inputs	• 3 inputs (4 PIN)
Dot Pitch	• 0.1506 (H) x 0.1432 (V)	Audio Inputs	• 3 inputs (4 PIN)
Colour Depth	• 24 bit	Video Outputs	• 1 output (13 PIN)
Contrast	• 700 : 1	Audio Outputs	• 1 output (13 PIN) / 1 W
Brightness	• 600 cd/m <sup>2</sup>	Trigger Signal	• 3 trigger wires
Viewing Angle	• U: 85° / D: 85° / R/L: 85° / 85°	Anti-vibration	• 3 g (Centre mount) / 7 g (U-support)
Loudspeaker	• One 24 x 15 x 4.5 mm loudspeaker	Dimensions	• Without U-support mount: 182mm W x 122mm H x 28.7mm W • With U-support mount & sun shield: 214mm W x 138mm H x 65.2mm W
Operating Temperature	• -20° – +70° C, RH 90%		