NETmc MARINE

FOUR264 Blackbox

The NETmc Marine FOUR264 Black Box is our latest entry level DVR, it follows on from the popular 73fifty Black Box and is based on our proven FOUR264 technology and standard user interface. It has internal storage sufficient to record up to 650 hours of video on a continuous rolling loop; the oldest file being overwritten with new files as the hard drive fills up.

A Black Box recorder can be used to fill different roles depending on the user's operational requirements. It can be an automated recorder for recording diver voice and video for HSE purposes or it can be used as a backup recorder to a primary recorder in case of failure or in case video files have been deleted or mistakenly not recorded. It can be used as a primary recorder in operations where all the video files do not have to be kept e.g. drill support thus automating video housekeeping.

Features include:

MPEG4 format

Selectable bit rates

Easy operation

12v trigger

Transfer video over network

Large internal drive

New in this model is the option for a built-in video overlay module, this allows the Black Box to be a complete separate entity from the rest of the video suite. The format has changed from MPEG2 to the more ubiquitous MPEG4 but of course we have kept the popular 12V trigger and 1U 19" rack format.

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Recording can be started by clicking on the 'record' button on the windows application – or it can be started from a 12v trigger input to the rear panel.

When 12v is supplied to the rear connector, recording will start and will only be stopped by removing the 12 input (software application controls will be disabled).

Two indicators are provided on the front panel to give the user confidence that the unit is functioning.
The top LED monitors the system – and if there are any problems, it will turn red.
The bottom LED shows when recording is active – if its green, recording is active & OK.

During operations, the user should be looking for 2 green LEDs on.

Technical Specifications

Power Requirements	85-264 Vac, 50-60 Hz
Power Consumption	120 w
Operating Temperature	10 - 35 Degrees
Non-operating Temperature	-10 - 60 Degrees
Operating Humidity	5-95% RH non-condensing
Non-operating Humidity	5-95% RH non-condensing
Operating Shock	65G, 2ms
Non-operating Shock	250G, 2ms
Operating Altitude	-305m – 3,050m
Non-operating Altitude	-305m – 12.200m
Operating Vibration	Linear 20-300Hz, 0.75G (0 to peak) Random 10-300 Hz, 0.004g2/Hz
Non-operating Vibration	Low frequency 5-20 Hz, 0.195 inches (double amplitude) High frequency 10-300Hz, 5.0G (0 to peak)
Dimensions	482mm (W) x 44mm (H) x 365mm (D) (1U rack-mount chassis)
Weight	7 kg
Network Support	10/100/1000 Base T
Video Input	Composite (BNC) PAL / NTSC
Video Rate	MPEG4 1-3 Mbps
Audio	Analog stereo line input
Internal hard drive	500GB
External connections	USB 2.0 (1 front, 4 rear) USB 3.0 (2 rear) VGA, DVI, HDMI, Audio out