

viewMT-101

the tough touch screen



10.4"

high quality touch screen
with a wide viewing angle

robust

tested for temperature,
vibration and ingress protection to
withstand the toughest conditions

variable

adjustable back light and
sunlight readable

excellent visibility

Improve safety around your vehicle with the display of clear and detailed footage. With **high quality imagery** and a small footprint, the viewMT-101 adds enormous value without impacting cabin real estate.

To ensure consistently good visibility, the LCD touch screen is **sunlight readable** and offers backlight control, removing any night-blindness issues. An internal speaker allows **audio and warning tones** to be easily heard.

The viewMT-101 operates from 9V to 34V DC and has load dump and transient **protected power** input, allowing direct connection to vehicle power.

The screen uses a DEUTSCH MIL Spec connector and industry standard 75mm VESA mounting to maintain the rugged integrity of the product.

The resistive touch screen is extremely **durable** and has a typical operating power of less than 11 watts.

Designed for rugged environments, the viewMT-101 is completely **water and dust proof**, can handle continuous **vibration**, and copes with **shock** and **extreme temperature**.

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technical specifications (extract)

display	<ul style="list-style-type: none"> » 10.4"/26.4cm, 4:3 aspect ratio » 1024x768 » 1200:1 typical contrast ratio » 24 bit colour depth » 700nits brightness typical » Viewing angle horizontal: 176 deg, Vertical 176deg typical
controls	<ul style="list-style-type: none"> » Backlight brightness » Touch screen, 5-wire resistive touch » Front-mounted panel speaker
touch screen	<ul style="list-style-type: none"> » 2048x2048 touch points » Response time 20ms » <1N with 0.8mm stylus operating force » tested to 10,000,000 touches and 1,000,000 knocks
environmental	<ul style="list-style-type: none"> » Temp operating: -20C to 65C » Temp storage: -20C to 80C » Humidity: 10% to 90% RH non condensing » IP65 » No damage with a 9g steel ball dropped inter the centre of the panel from a height of 30cm » Static load: 5kg load over a 10 mm area for 10 seconds
power supply	<ul style="list-style-type: none"> » 9V to 34VDC [supplied by tigerMX-5]
size and weight	<ul style="list-style-type: none"> » Dimensions: 264mm[W]x224mm[H]x42mm[D] » Weight: 1450g
warranty	<ul style="list-style-type: none"> » One year

Specifications subject to change // © Black Moth Vision Systems 2018

sunlight
readable
touch screen

connect up to
two displays
to the tigerMX-5
vision server

IP65 rating



Vision in Motion

Black Moth's intelligent mobile vision and communication solutions improve worksite safety for heavy machinery. We provide cutting-edge technology and rugged products to support operations in a wide range of transport and heavy industries.

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