

# Panther Connect Displays

## Model: DM-7.0-1 – Motor Cycle Cluster

Motor Cycle Cluster with 7 inch sunlight readable multifunction display for bike system and performance management, route navigation and audio-media.



**Panther Black Technology**  
Elegant homogenous Black Panel Effect across the display and border with excellent optical performance



### **Bike System and performance management via CAN:**

- › Bike speed, engine speed, trip/km, warning lights, temperatures, tank levels
- › Touch screen operation with bike gloves and under wet conditions
- › Service tool for diagnosis and pairing to prevent transfer to other bikes
- › Automatic brightness control of display

### **Connectivity via customer App (Android and IOS). Virtual shared screen**

- › Route navigation
- › GPS possible
- › Pre caching for maps possible
- › Route sharing with other bikes via WLAN
- › Customer community information
- › Hands free phone features
- › Missed calls
- › Audio (Audio playlist)
- › Action CAM functionality (video transfer to smart device)

### **Operation**

- › Driver interface with touch screen and operating buttons near to hand grips (left, right and select)

### **Customizable user interface**

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### Specification

- › Area of application: automotive
- › Single Board PC with quad core processor
- › Operating System LINUX
- › 2 GB DDR3 Memory
- › 4 GB eMMC Flash Memory
- › Independent CAN controller for safety related warnings
- › Wireless communication:
  - › Phone control via bluetooth
  - › Interface synchronisation via WLAN
- › Display active Area 7.0" (152.4 mm x 91.4 mm)
- › Housing dimensions 220 mm x 130 mm x 47 mm or according to customer design
- › Panther Black Panel Technology
- › High sunlight readability
- › Condensation resistance under the design glass with Optical Bonding
- › Design glass: high strength aluminosilicate chemically pre-stressed
- › Glass surface treatment: Anti-Glare (AG), Anti-Reflection (AR) and Anti-Finger-Print (AFP) possible
- › Display brightness typ. 1000 cd/m<sup>2</sup>
- › Display contrast typ. 1000
- › Display viewing angle: (O, U, L, R) Typ 89°, 89°, 89°, 89°
- › Brightness control with light sensor depending on the environment
- › Display technology: TFT LCD
- › Capacitive 10-point multitouch
- › Operating temperature: -30 °C to 80 °C
- › Storage temperature: -40 °C to 90 °C
- › Environmental protection according to customer specification
- › Supply voltage 12 V DC nominal
- › Connections:
  - › Control buttons: left, right, ground, select
  - › CAN: CAN high, CAN low
  - › Power: power, ground
- › Housing according to customer design
- › Weight: 0,85 kg