



# SMARTDETECT LCD TOUCH INTERFACE

- High Resolution Display
- Water and Dust-Proof Rugged Aluminum Casing
- Operator-Friendly Interface

## FEATURES

All mines recognize the need for a reliable, robust and low maintenance Collision Avoidance System to enhance safety and production. The Becker Mining Systems smartdetect system is designed to prevent injury and damage during the operation of mining vehicles in close proximity to mining personnel and other equipment.

This system provides an early warning indication that alerts the operator to the presence and number of smartdetect-enabled vehicles and transponders in the vicinity.

The smartdetect LCD touch display works in conjunction with the smartdetect controller to provide situational awareness to an operator via visual alerts. The built-in speaker also provides an audible alert when another smartdetect-enabled vehicle has been detected. In addition to a map-based view of the vehicle's location, the LCD touch display also provides the operator with views from any connected smartdetect cameras.

This durable, IP65-rated touchscreen monitor is also water and dust proof; and is made of high-grade industrial components to withstand harsh environments.

## TECHNICAL DATA

PERFORMANCE SPECIFICATIONS	
Input Voltage	10-35 Vdc
Current Consumption	< 1.5 A
Aspect Ratio	16 x 9
Supported Resolutions	1920 x 1080
Viewing Angle	150° Horizontal 145° Vertical

MECHANICAL DATA	
Viewing Size	7 in
Dimensions (L x H x W)	29 x 140 x 205 mm (1.14 x 5.5 x 8.1 in)
Enclosure	Ruggedized Aluminum Casing
Weight (nominal)	1.20 kg (2.64 lbs)
Connections	HDMI via ruggedized cable
Stand	Monitor Stand

ENVIRONMENTAL DATA	
Temperature Range	-20° C ~ +70° C (-4° ~ 158° F)
Protection Class	NEMA4 / IP65

Technical data are limit values.

If the product is integrated into systems or operated in combination with other devices, its permissible operating values can deviate from these limit values. Subject to technical modifications without prior notice.

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