

Multichannel Mobile Video Recorder

autoeyeXpert

PRO SERIES

Dash Mounted 7" Colour Touch Screen with Backlit Function Buttons

Part number: AEX-ST-TSD-CP4

KEY FEATURES

- 7 inch touch screen display - allows single or multi-camera views and playback of recorded footage with tap/point/drag gestures
- Backlit buttons for easy tactile use in dark conditions - buttons include channel selection, cursor control
- Support for MDVR diagnosis, configuration and operation - password protection for access to system functions
- Built-in speakers - allows playback of audio events and supports VOIP messaging from optional cloud hosted service
- Built-in RFID module to sign in/out - supports easy access and identification of drivers and operators using custom RFID cards
- Dedicated reversing function - supports direct rear camera switching to avoid DVR boot-up or latency
- Resolution 800*480 full colour display
- Compatible with all Standby AEX Pro Series DVR's (M1, X1, X3, and X5 models)

APPLICATIONS

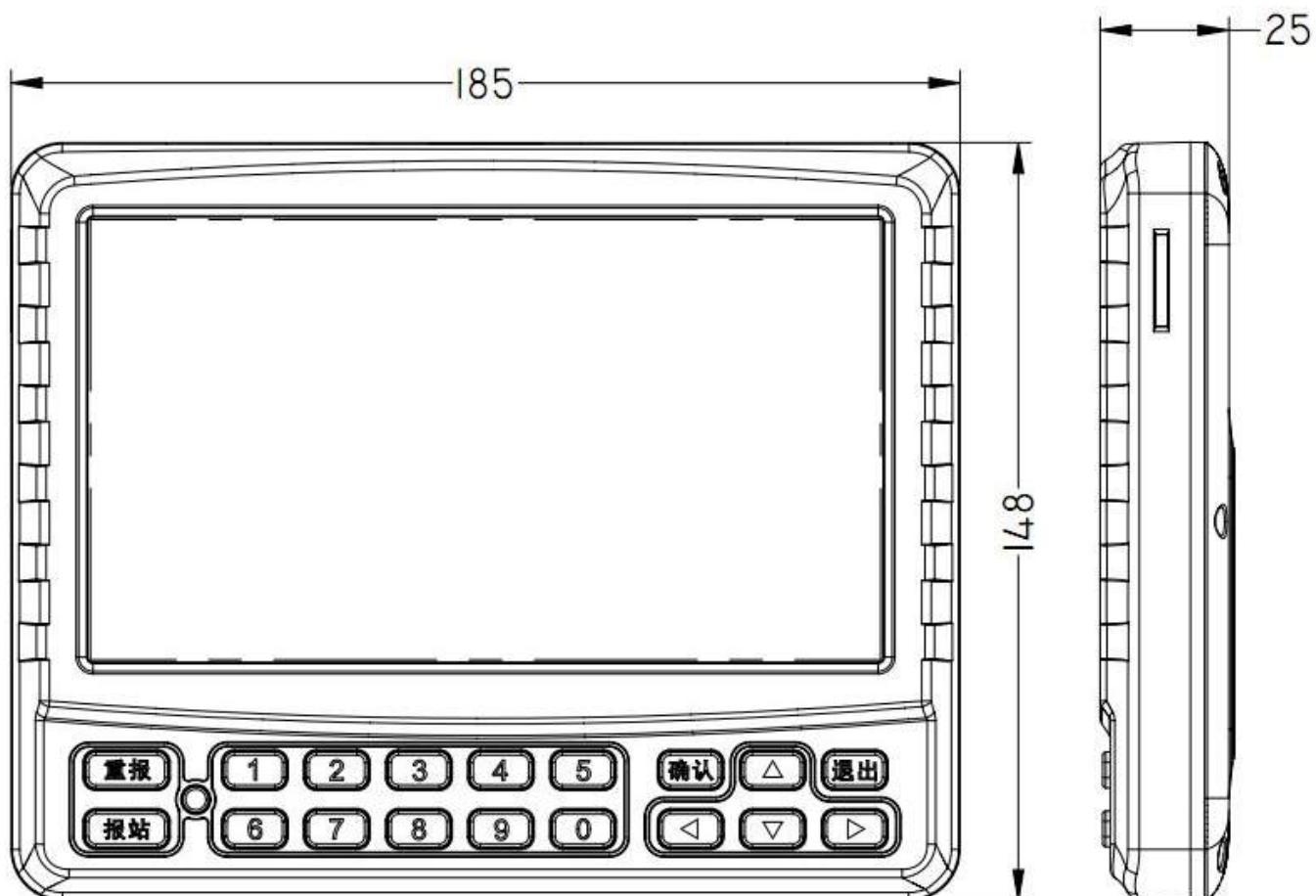
- **Fire Appliances**
 - All-round view of the vehicle in realtime
 - Helps when manoeuvring in tight spaces
 - Automatic "full screen" switching of relevant camera view based on reverse lights, indicators etc
 - Easy push button selection even when wearing gloves
 - Easily mounted on dash or roof lining
- **Police Beat Car**
 - Clear view of camera perspective to ensure evidence is captured
 - Easy to playback footage to suspect
 - Search for evidence by time, event marker, or sensor trigger
 - Helps to achieve quick closure at roadside
- **Ambulances**
 - Can display all-around view to ensure safety of paramedics and patients
 - Privacy switching based on panic strip etc
 - Aid to manoeuvring in tight locations
 - Messaging function can double as despatch aid or additional information



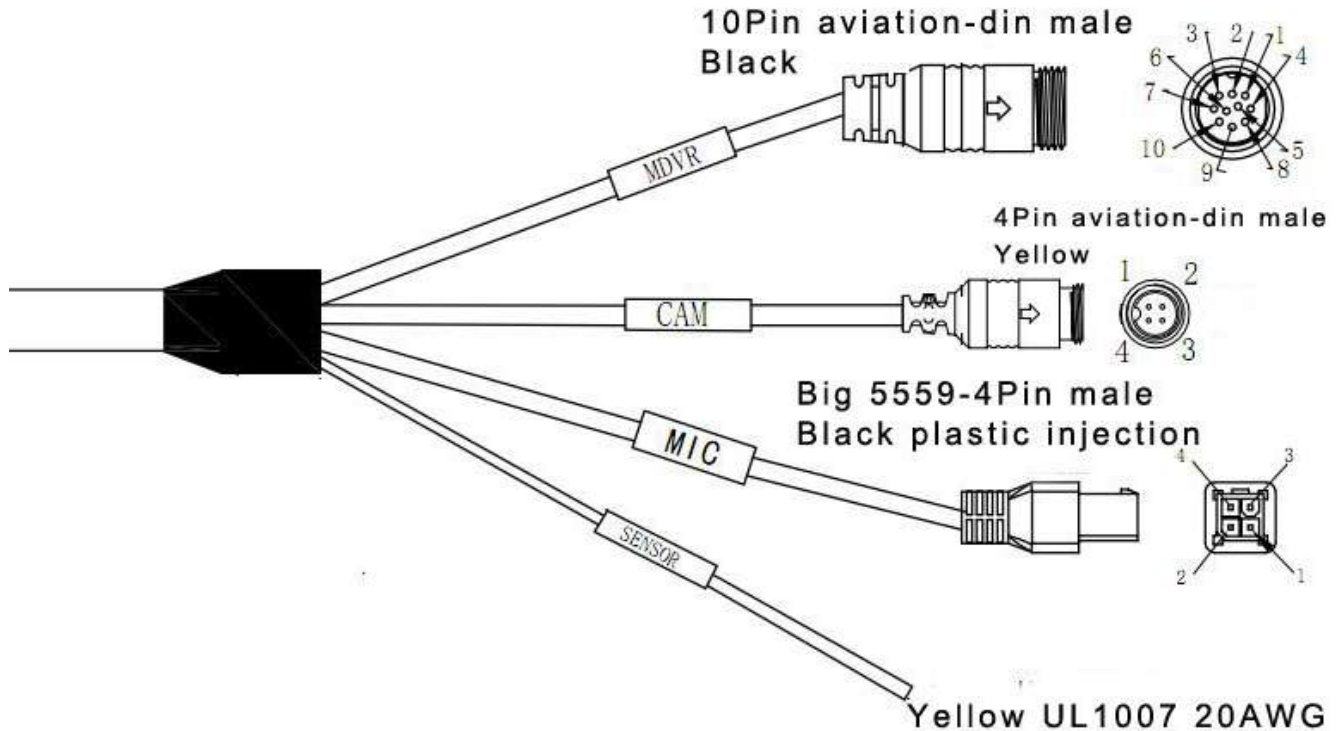
Specification


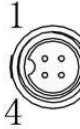
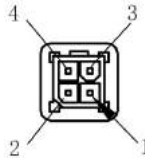
MODEL	AEX-ST-TSD-CP4	
Specification	Screen Type	LCD Screen
	Touch Type	4 wire resistor type
	Screen Size	7"
	Resolution	800*480
	Luminance	400cd/m2
	Contrast Ratio	20.83402778: Under a suitable brightness condition, the higher the contrast the richer the colour levels
	Aspect Ratio	16:9
	Response Time	10/15(Tr/Td) ms: The response time of the LCD to input signal
	Visual Angle	70/70/50/70 (Typ.) (CR dot 10) (Left/Right/Up/Down)
	Maximum Number of Display Colour	262K/16.7M (6bit/6bit+Dithering)
	Back-light Type	White LED
	Button and Screen Distribution	Combined
Material	Panel Material	70% PC + 30% ABS engineering plastics
	Button Material	Silicone
Built-in Module	RFID Wipe Card Module	13.56 MHZ for driver to sign in and sign off
	Speaker	16Ω, 2W x 2
Interface	MDVR Interface	Connects to Streamax MDVR
	CAM Interface	Yellow 4pin aviation-din connector, connects to reversing camera
	MIC Interface	Connects to the driver microphone
	SENSOR Interface	Yellow hanging line, reversing signal detection port, high level effective. To monitor control for reversing.
Buttons	Function Buttons	Restate/station announcer/arrow keys/confirmation/exit
	Number Buttons	0-9
Installation	Tile Installation	Refer to mounting bracket
	Bracket Installation	There are three brackets with hood
Dimensions	Unit	185mm x 128mm x 34.9mm
Operation Parameters	Operating Voltage	12V
	Operating Current	200mA
	Total Power Consumption	2.4W
Performance	Waterproof and Dust Proof	IP53
	Operating Temperature	-20°C to +70°C
	Relative Humidity	8%~90%

Dimensions



Pin Definition



Connector Name	Function	Definition
MDVR	Black 10PIN aviation-din connector connects to Streamax MDVR	 <ul style="list-style-type: none"> 19 — 10 VIDEO 20 — 9 GND 2 — 1 +12V 24AWG 4 — 2 GND 24AWG 13 — 3 TXD 15 — 4 RXD 1 — 5 AUDIO+ 3 — 6 AUDIO- 10 — 7 MIC+ 14 — 8 MIC-
CAM	Yellow 4PIN aviation-din connector connects to reversing camera	 <ul style="list-style-type: none"> 1. Power+ 2. GND 3. Audio signal 4. Video signal
MIC	Connects to driver microphone	 <ul style="list-style-type: none"> 1 GND 2 MIC+ 3 MIC- 4 MIC_SW_IN
SENSOR	Yellow hanging line, reversing signal detection port, high level effective. For reversing control	<p>Hanging line</p> <p>— SENSOR</p>