

TREK-306P FL

10" In-Vehicle Smart Display with Smart DisplayPort 2.0



Features

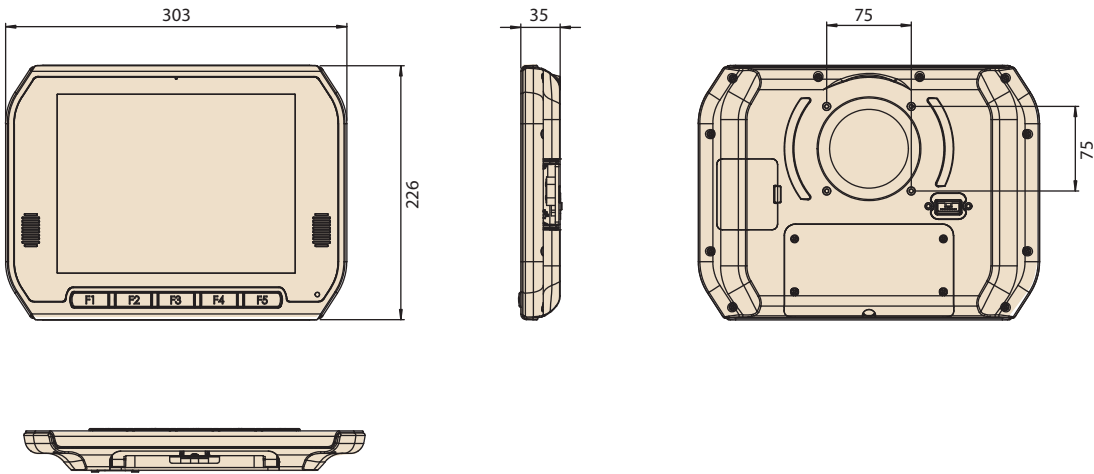
- Vehicle-grade 10" (4:3) XGA TFT LCD with projected capacitive touchscreen
- SDP 2.0 port: one-cable connection supports longer cable lengths and easy connect/disconnect
- Wide operating temperature range (-30 ~ 70°C)
- Five user-programmable function keys
- Extended I/O ports (USB 2.0 Type A, power button, and reset button) for easy TREK box PC maintenance

Specifications

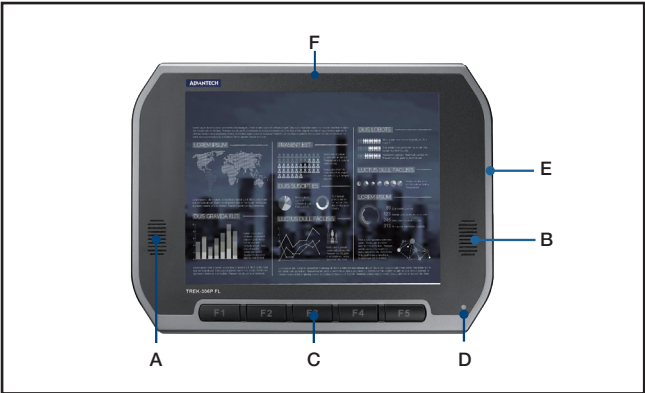
LCD	Resolution (pixels)	XGA (1024 x 768)
	Design Compatible Models	TREK-60/60N
	Video Interface	Single Channel, LVDS
	Pixel Pitch	0.0685 (H) x 0.2055 (V)
	View Angle (H/V)	176 (H)/ 176 (V) (CR>10) Super MVA technology
	Contrast Ratio	1000
	Backlight Life	50,000 hours
	Backlight Type	LED
Front Panel	Brightness (cd/m ²)	500 cd/m ² , typical
	Speaker	2 x 2 W speaker
	Hotkey	5 x programmable function keys
	Brightness Control	1 x light sensor for auto dimming
	Light Sensor	1 x with MRM SDK support
	Thermal Sensor	1 x with MRM SDK support
	Mic	1 x Built-in mic
Touchscreen	Size	10.4" (4:3) format
	Type	10 Fingers projected capacitive touchscreen
	Transparency	87% ±2%
	Hardness	≥ 7H (JIS K5400)
Rear I/O	IK Shock Protection Rate	IK07
	Smart DisplayPort 2.0	SDP 2.0 locking type connector paired with TREK computing box (TREK-60/60N)
	Integrated MIC	Supports Voice call (Echo cancellation) Supports Voice Recognition
	USB Port	1 x USB 2.0 Type-A
	Power Button	1 x Power button (To power on/off the TREK box PC)
Power	Reset Button	1 x Reset button (To Reset the TREK box PC)
	Power Input	12 V ± 5% (Powered by TREK-60/60N)
Mechanical	Power Consumption	11 W (nominal), 18 W (max.)
	Dimensions (W x H x D) mm	303 x 226 x 35 mm
	Material	PC
	Weight	1.7 kg
Environment	Mounting	VESA (75 x 75mm), RAM Mount
	Operating Temperature	-30 ~ 70°C
	Storage Temperature	-40 ~ 80°C
	Humidity	95 ± 5%
	Thermal Design	Fanless
Certification	Ingress Protection	IP55 with I/O Cover
	Vibration/Shock	MIL-STD-810G, SAE J1455 4.9.4.2, EN60721-3-5(5M3)
	EMC	CE, FCC

Dimensions

Unit: mm

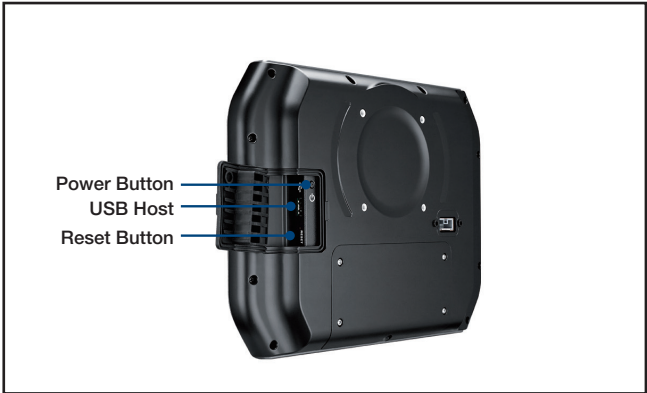


I/O Connectors



A. B. Speaker
C. User-defined hotkeys
D. Light sensor

E. Reset, power, USB host (side)
F. MIC



Smart DisplayPort 2.0

Ordering Information

Part Number	Description
TREK-306P-H2A0E	10.4" XGA in-vehicle Smart Display 2.0, with 5-wire PCAP Touchscreen

Optional Items

Part Number	Description
RAM-MOUNT-06E	VESA RAM mount w/VESA base (3.625") & 5.625" double socket arm for 1.5" ball base
1700030183-01	Smart display 2.0 cable, 5 m
1700030181-01	Smart display 2.0 cable, 10 m