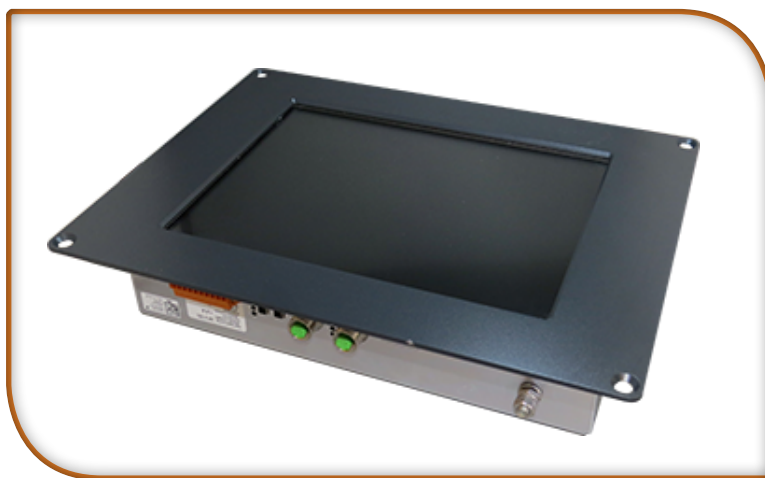


## Product Datasheet

### Driver Only Operated CCTV Monitor

#### Key Features

- 10.4" 4:3 TFT LCD with capacitive touch panel
- 1024 x 768 pixels resolution
- Intel® Atom™ processor
- 2 Fast Ethernet ports, 2 USB
- Wide-range PSU, 12/24 VDC nom.
- -40 to +85°C operating temperature
- Fanless and maintenance-free design
- Prepared for E1 (automotive), IP65 (front), IP20 (rear)
- Embedded Windows® 7 - Professional Edition



#### Specifications

CPU	Intel® Atom™ Z520PT	1.33 GHz processor core frequency
		1.6 GHz processor core frequency
	Chipset	Intel® system controller hub US15W
Display	Screen size: 10.4"	
	Resolution: 1024 x 768 (XGA) with aspect ratio 4:3	
	Luminance: 350 cd/m <sup>2</sup>	
	Contrast: 1200:1	
	Response time: Ton+Toff average 25 ms	
	Viewing angle: 176°(H)/176°(V)	
	Backlight with brightness control	
	Interface: LVDS	
Colour	Matt Black	



## Product Datasheet

### Driver Only Operated CCTV Monitor

#### Specifications

Touch functionality	Capacitive touch panel	
	USB-driven touch interface	
	Anti-glare layer	
Ethernet Connection	M12 x 2	
Memory	2 GB Ram with 16GB SD Card	
I/O	USB	Two USB 2.0 host ports
		Accessible via Series A connectors
		UHCI implementation
		Data rates up to 480 Mbit/s
	Ethernet	Two 10/100Base-T Ethernet channels
		Accessible via RJ45 connectors
		Switch functionality
	Binary inputs	Four universal binary inputs via 10-pin power connector, e.g., for geographical addressing
Intelligent Power Supply with Controller	Input voltage supervision	
	Temperature supervision via LM50 sensor	
	Backlight control (turns off display at configurable temperatures)	
	Buffer functionality for RTC and BIOS CMOS	
	Reset of CPU board possible	
	Wake on time	
	Watchdog	
	Accessible via SMBus	
Electrical Specifications	Supply voltage	12 VDC nom
		24 VDC nom. (9 to 36 V)
	Power consumption	12 W typ.



## Product Datasheet

### Driver Only Operated CCTV Monitor

#### Specifications

Mechanical Specifications	Dimensions: 267 mm x 187.7 mm x 85 mm (electronics), 310 mm x 235 mm (display frame)	
	Weight: 2.3 kg	
	Designed for panel mounting	
	Front protected according to IP65	
	Rear protected according to IP20	
Environmental Specifications	Temperature range (operation):	-20..+70°C for the display panel (with automatic switch-off of the display at excess temperatures)
		-40..+70°C, with up to +85°C for 10 minutes according to class Tx (EN 50155) for the computer
		Display is turned off at extreme temperatures
		Conductive cooling
		Fanless operation
	Temperature range (storage): -40..+85°C	
	Relative humidity (operation): max. 95% non-condensing	
	Relative humidity (storage): max. 95% non-condensing	
	Altitude: -300 m to +3000 m	
	Shock: according to EN 50155 (10.2.11)	
	Vibration: according to EN 50155 (10.2.11)	
MTBF	85 051 h @ 40°C according to IEC/TR 62380 (RDF 2000)	
EMC	Conforming to EN 50155, EN 50121-3-2/EN 61000-4-5	
	E1 certified by the German Federal Motor Transport Authority	
Software Support	Embedded Windows® 7 - Professional Edition	
	Linux	