

Canvys IoT Display Smart Solutions for Industry and Healthcare 4.0



Medical

Product Sheet



Key Features

32"



4K Display available for medical and industrial applications



True Flat design with AR protection glass and IP65 front



Plane and non-reflecting glass surface for easy cleaning and disinfection



Optional with AG PCap Touch, operable by finger or gloves



Medical certified (DICOM® compliant)



Long-term available metal housing monitor



LED backlight with low power consumption



Individually configurable through customizing

Model	32" IoT LCD Flat Panel Display	
Size	32" / 81.3 cm	
Aspect Ratio	16:9	
Active Area (H×V)	708.4 × 98.5 mm	
Resolution	3840 × 2160 / Ultra HD	
Display Colors	1.07 B	
Response Time	14 ms	
Brightness	700 cd/m ² typ.	
Contrast Ratio	3000:1 typ.	
Viewing Angle (H×V)	178°/178°	
Backlight, MTBF	LED, 30,000 h	
I/O Ports	DP & DVI-I; USB Mini (optional hub for touch); 10/100 Mbit Ethernet (optional), CAN-Bus (optional)	
Temperature Operating	+15 °C to +40 °C	+59 °F to +104 °F
Humidity Operating	20 % to 80 % RH	
Power Consumption	150 W max.	
Power Supply	External 24 VDC (Connector lockable)	
Dimensions (W × H × D)	758.4 × 457.4 × 81.6 mm	29.9 × 18.0 × 3.2 in
Weight	t.b.d.	
Safety & Ergonomics	t.b.d.	
Connectivity	10/100 Mbit Ethernet (optional), CAN-Bus (optional), WiFi transceiver according 802.11b/g/n, Radio Frequency Regulations, ETSI, IC, FCC, ARIB STD-T66, JATE Wifi IEEE 802.X	
Cloud Platform Connectors	Microsoft Azure, Amazon AWS	
Misc.	Metal housing color: RAL9007, smooth, satin gloss; inputs not accessible from the front side, super-High scaling engine, image and OSD mirror	
Options	RFID Reader over mini USB, 1× LAN, CAN-Bus	

Further Details and Functions

Key Features of the Canvys IoT Displays

- Modular platform enables quick and easy integration into your applications
- Allows fast, secure and worldwide networking
- High-quality industrial TFT displays and components with long-term availability
 - Central administration of all displays integrated into the cloud / network (external controlling)
 - Simultaneous firmware update for all monitors integrated in the cloud (worldwide)
 - Status monitoring of all displays integrated into the cloud
 - Central calibration of monitor settings via the cloud (e.g. important in the printing press or medical technology sector)
 - Time-dependent switching on and off of the displays
- Comfortable monitoring and management functions of internal display sensors (temperature, brightness, contrast, backlight, color values, voltage, shock and vibration)
- Service notification in case of display failure

Optional RFID reader expands with the following functions

- Central administration of authentication and authorization management
 - e.g. classification between simple users, experts and maintenance personnel
 - e.g. start up machine / plant system with locked screen and only after authentication of the user the display and/or the touch function is activated
 - Status monitoring of all displays integrated into the
- Pay-per-use through traceability of RFID registrations
- Recall personal or special monitor settings (DICOM)
- Further OEM-specific usage possibilities can be discussed with our development team