



ACP® BBK

Datasheet

BBK | Industrial Workstation (ACP® ThinManager)

DYNICS ACP® BBK is a slim industrial grade display that is configured with ACP® ThinManager enabled firmware. This slim form factor is a full HD display, making the BBK a great replacement for consumer grade monitors in an industrial environment.

Key Features

- Optional:
 - Display Stand
- Universal VESA Mounting Ready
- 100~240VAC / 24VDC
- ACP® ThinManager Ready

Display Specifications

Size:	Resolution:	View Angle:	Contrast:	Brightness:	Aspect Ratio:
21.5"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	5000:1	300 nits	16:9
24"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	3000:1	300 nits	16:9
Lens	5-Wire Analog Resistive (Touch Screen) / Protective Polycarbonate Lens (Non-Touch)				
LCD Life	50,000 Hour Backlight Half-Life				
Enclosure	Black Powder Coat Finish				

PC Specifications

Motherboard:	Bay Trail
I/O	2x 1Gb Ethernet Ports 2x RS232 Ports (Optional: 1x RS232 / 1x USB 2.0 Port) 2x USB 3.0 Ports 1x VGA Port 1x HDMI Port 1x Audio Jack (Line-Out)
ACP® ThinManager	ACP® ThinManager Enabled
CPU	Intel® Bay Trail N2807
CPU Speed	1.58GHz Base, 2.16GHz Turbo (2 Cores, 2 Threads)
Memory	2GB DDR3
Power Supply	100~240VAC / 24VDC Power Entry
Temperature	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)
Relative Humidity	Non-Condensing: 20% - 80%
Optional	Display Stand
Compliance	European Union Directive 2011/65/EU (RoHS)
Warranty	24-Month limited warranty. Extended warranty available, contact DYNICS for details.





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Dimensions, Weights and Power Consumptions

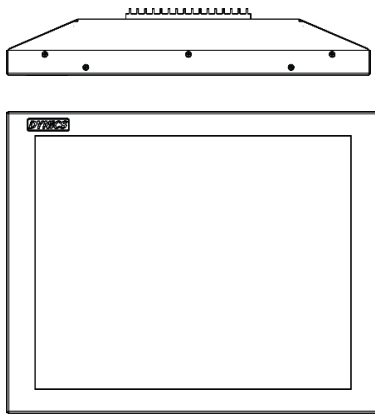
	22"	24"
Height:	12.950" (328.9mm)	14.426" (366.4mm)
Width:	21.098" (535.8mm)	23.566" (598.6mm)
Depth: (Monitor Only)	2.583" (65.6mm)	2.602" (66.1mm)
Weight:	20 lbs.*	19 lbs.*
Power Consumption:	55 Watts**	80 Watts**

*Weights are approximate, contact DYNICS for details.

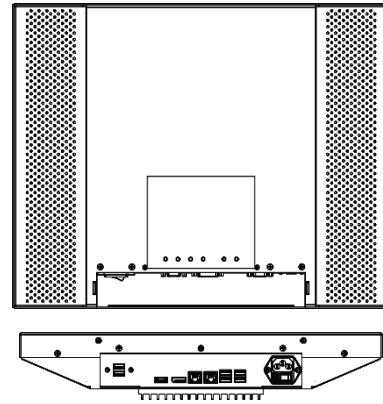
**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

Mechanical Drawings

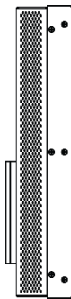
Top and Front View



Back and Bottom View



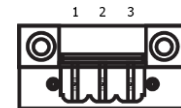
Side View



Power Entry 100~240VAC



Power Entry 24VDC



Pin 1: V+
Pin 2: Chassis GND
Pin 3: V-

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

