AquaVision

IP65 Stainless Steel Computer

The AquaVision range of IP65 stainless steel computers are designed for use as rugged operator interfaces, in environments exposed to direct water spray, moisture or other chemical contaminants.

These units are completely sealed and self contained, with internal PC compatible processor board, high brightness wide angle TFT display, rugged 5 wire resistive touch screen (if required) and auto-ranging mains power supply for operation in any country.

They are perfect for use in wet, dirty, or oily industrial environments or chemical processing plants. However, because they are manufactured using food grade 316 stainless steel, they are also the perfect choice for use in food processing industries where machinery and equipment must be regularly hosed down.

These computers are mechanically interchangeable with the Kontron KOI for many applications and are available with optional stainless steel mounting kits if required.

Bench and wall mount side brackets are optionally available

The rear lockable door provides access to internal components during installation. However, when closed against its internal waterproof seals and water gutters, the door prevents ingress of water or other fluid contaminants. The hinged assembly and cam style rear locks ensure that when the door is closed, water seal compression is always even and correct for optimum environmental performance.

These computers provide a superb clear visual display and Pentium CPU performance. However, because they have very low power consumption, they do not require external aluminum heat sinks, yet they still run cooler than some other manufacturer's products.

Part Number for Ordering: 534-0101

SPECIFICATIONS

Flat Panel Display	-	High brightness 12.1” colour TFT
• Resolution	-	800 x 600
• Viewing Angle	-	L/R 120º U/D 90º
• Contrast Ratio	-	300:1 typical
• High Brightness	-	250cd/m2 (max)
• Long Backlight Life	-	>30,000 hours typical to 60% brightness
• Touch Screen		
• Type	-	High stability 5-wire resistive
• Accuracy	-	+/- 2.03mm
• Touch Force	-	<100 grams
• Screen Life	-	>35 million touches
• Chemical Resistance	-	Tested with acetone, methylene,
	-	Isopropyl alcohol, ammonia
• CPU	-	Geode GXLV 200MHz
• Memory	-	32 to 128Mbytes SDRAM
• Motion Video	-	Hardware MPEG decoding
• HDD	-	2.1Gbtyes (min. size)
• Operating System	-	Windows 98 (supplied), NT, 95, 3.11 etc
• Internal Connectors	-	Via sealed customisable gland / connector plate on underside of main cabinet
• PS2 keyboard and mouse		
• Network interface	-	10 / 100Base-T auto sensing
• FDD interface		
• Serial RS232 + Parallel printer		
• USB x2		
• Sound		
• Power supply	-	Universal mains, 90-260Vac ,47-63Hz
• Mechanics		
• Material	-	316 stainless steel
• Size	-	W,H,D, = 342 x 297 x 120 mm
• Environmental		
• Sealing	-	IP65
• Operating temp	-	0º to +40º C external ambient
• Storage temp	-	-25º to +60º C

Note: Other options are available on request.

Local Distributor / Agent

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