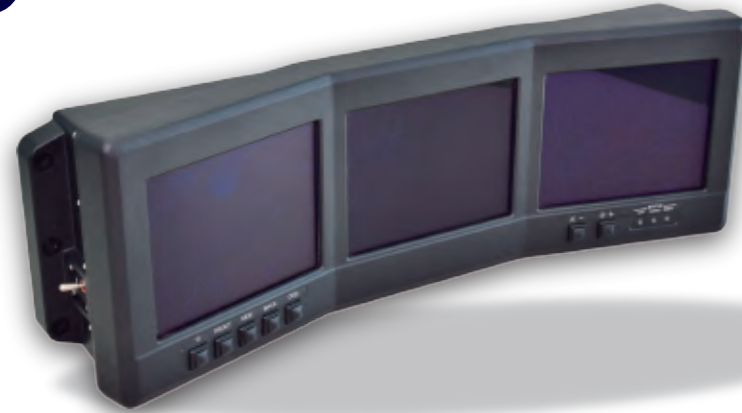


DURABOOK
— ANYTIME MISSION CALLS —



TACTICAL SOLUTIONS

The specification and pictures are subject to change without notice.
All brand names are registered trademarks of their respective owners.



P08A - 3 in 1 Display

- Rugged Features - MIL-STD-810G/Vibration, Salt Fog, Water&Dust Resistance(IP65), Shock
- Certification - MIL-STD-461F/CE102, CS101, CS114, CS115, CS116, RE102, RS103), MIL-STD-1275D
- Major Chipsets - RTD2662
- Display(x3) - 8.4" diagonal, SVGA (800 x 600), TFT LCD Panel, LED Light source, 170.4(H)x127.8(V)Active Area, 4:3 Aspect Ratio, 330 nits before glass
- I/O Devices - 1 x PAL connector, 1 x Function connector, 1 x DC-IN connector
- Buttons/Switch - 1 x Power Switch, 2 x Buttons
- Power - 18V~36V DC-IN (MIL-STD-1275 Rev D)
- Chassis - Aluminum-Alloy Die Castings, Independent chassis grounding, Black baking finish
- Environment - Operating Temperature: -10 to +55°C/Storage Temperature: -20 to +71°C/ Operating Humidity: 10% ~ 95%
- Dimensions/Weight - 672 x 213 x 115 mm/6Kg

V10BB - Panel PC

- Rugged Features
MIL-STD-810G/Vibration, Acidic Atmosphere, Salt Fog, Water&Dust Resistance(IP67), Explosive Atmosphere, Fungus, Solar Radiation, Gunfire Shock, Contamination by Fluidod, Freeze Thaw Functional Shock, Temperature Shock(Operating: - 46 to +71°C)
- Certification
MIL-STD-461F/CE102, CS101, CS114, CS115, CS116, RE101, RE102, RS101, RS103
ESD/Operating: Air gap ±15kV, Contact ±8kV, Criteria B
- CPU
Intel Broadwell MCP processor(U series)
- Memory
4GB or 8GB on board, Non ECC LPDDR3 1600 (Low voltage @ 1.2V)/ 8GB (Maximum)
- Display
10.4" LVDS Panel(1024x768), Day mode 600 nits, Night vision mode: MIL-STD-3009 compliant, 178(H) 178(V) View Angle, Low EMI Noise, Resistive Single Touch Screen
- I/O Ports (board level)
1x VGA Output, 1x mini PCI-E for Video Input (analog or digital), 2x GbE LAN, 4x USB2.0, 6x RS232/422/485, 2x RS-232/422/485 or 2x CANbus(J1939 & MilCAN) (option), 1x 8 DIO, 1x Line-in, 1x Line-out, 1x MIC, 1x DC-IN
- Military Connectors
A: VGA out + PAL x4 / B: RS232 x3 (or CANBusx2 + RS232 x1) / C: RS232/422/485x3 / D: USBx4 +GbE LAN x2 / E: GIOx8+AUDIO+ RS232/422/485x1 / F: DC-IN (depending on customer request)
- Keypad/Buttons
1xPower On/Off, Keypad with Backlight, 28 x Programmable&Function buttons with backlight (6 x Right, 6 x Left, 8 x Top, 8 x Bottom), 1x SSD Quick Erase Function Switch With Cover
- Power
18V~36V DC-IN (MIL-STD-1275 Rev D)
- Chassis
Aluminum-Alloy Die Castings, Independent chassis grounding, Black baking finish
- Dimensions/Weight
315 x 254 x 58 mm/5Kg



P15A - Display

- Rugged Features - MIL-STD-810G/Vibration, Acidic Atmosphere, Salt Fog, Fungus, Gunfire Shock, Water&Dust Resistance(IP67), Explosive Atmosphere, Solar Radiation, Contamination by Fluidod, Freeze Thaw, Functional Shock, Temperature Shock
- Certification - MIL-STD-461F/CE102, CS101, CS114, CS115, CS116, RE101, RE102, RS101, RS103
- Scaler Board - ADV7441A for HDMI/DVI/VGA/AV1, ADV7280 for AV2/AV3/AV4/AV5, MCU:STM32F103, FPGA:Xilinx XC6SLC45
- Display - 15" LVDS Panel(1024x768), Night vision mode: MIL-STD-3009 compliant 178(H)178(V) View Angle
- I/O Devices - Input:DC-In x1, HDMI-in x1, DVI-D-in x1, VGA-in x1, AV-in x3
Output:HDMI/DVI-out x1, USB x1
- Buttons/Switch - 1 x Power Switch, 2 x Buttons
- Power - 18V~36V DC-IN (MIL-STD-1275 Rev D)
- Chassis - Aluminum-Alloy Die Castings, Independent chassis grounding, Black baking finish
- Environment - Operating Temperature: -46 to +71°C/Storage Temperature: -46 to +81°C/ Operating Humidity: 5% ~ 95%
- Dimensions/Weight - 406 x 330x 96 mm/6.2Kg



TACTICAL SOLUTIONS

MVC-2 - BOX PC

- I/O Ports (board level)
1x VGA, 1x mini PCI-E, 2x GbE LAN, 4x USB2.0, 6xRS232/422/485, 2x RS232/422/485 or 2x CANbus(J1939 & MilCAN) (optional), 1x 8 DIO, 1x Line-in, 1x Line-out, 1 x MIC, 1x DC-IN
- Military Connectors (depending on customer request)
A: VGA out + PAL x4/ B: RS232 x3 (or CANbusx2 + RS232 x1)/ D: USBx4 +GbE LANx2/ E: GIOx8 + AUDIO + RS232/422/485x1/ F: DC-IN
- Keypad/Buttons
1xPower On/Off, Keypad with Backlight
- Dimensions/Weight
314x 315 x 59 mm/5.2Kg



ACCESSORIES

- DC to DC
Output : 12 V, 20 W
Input : 18 to 36 V
Operating Temperature: -40 to +100°C
Transient protection: MIL-STD-704A/E/F, MIL-STD-1275A/B/D
EMI filtering: MIL-STD-461
Conducted emissions: CE101, CE102
Conducted susceptibility: CS101, CS114, CS115, CS116
- Scaler Board
Output Signal : LVDS Standard output
Input Signal: Analog RGB (0.7Vp-p), DVI, STEREO AUDIO IN (PC Audio)
Color depth: 24bit
Support Mode: DOS,VGA,SVGA,XGA, SXGA,SXGA+WXGA+,WSXGA+,UXGA, WUXGA,WUXGA+
Hsync Range: 30-80KHz
Vsync Range: 60-75Hz
Power: 12 V(DC), 3 W



We offer standard product, module customization, and system customization.