

HMI Selection Guide



MODEL	IOVU-560	IOVU-650/650WL	IOVU-700	IOVU-840	IOVU-842	IOVU-1000
SYSTEM						
CPU	Xscale® PXA270 520MHz					
BOOT ROM	2 MB					
SDRAM	128 MB					
FLASH MEMORY	128 MB CompactFlash Card (38 MB reserved for Win CE 5.0 and 90MB for User data and programs)					
SUPPORT O/S	Microsoft Windows® CE 5.0					
DISPLAY						
LCD SIZE	5.6" QVGA TFT LCD	6.5" VGA TFT LCD	7.0" WVGA TFT LCD	8.4" SVGA TFT LCD	8.4" SVGA TFT LCD	10.4" SVGA TFT LCD
LCD COLOR	64k					
MAX. RESOLUTION	320 x 234	640 x 480	800 x 480	800 x 600	800 x 600	800 x 600
BRIGHTNESS (cd/m ²)	500	500	220	220	220	230
PIXEL PITCH (mm)	0.352	0.207	0.191	0.213	0.213	0.264
CONTRAST RATIO	400:1	450:1	400:1	500:1	500:1	500:1
VIEWING ANGLE	100 (H) / 60 (V)	140 (H) / 120 (V)	140 (H) / 100 (V)	130 (H) / 110 (V)	130 (H) / 110 (V)	120 (H) / 100 (V)
ELECTRICAL INTERFACE	TTL	LVDS	TTL	LVDS	LVDS	LVDS
BACKLIGHT MTBF (hrs)	30,000	30,000	15,000	20,000	20,000	20,000
TOUCH SCREEN	Resistive Type 4-wired Touch Screen					
I/O AND COMMUNICATION						
I/O PORTS	RS-232/422/485 x 1	RS-232/422/485 x 1	RS-232 x 1 RJ-45 (RS-232/422/485) x 4	RS-232 x 1 RS-422/485 x 1	RS-232 x 1 RJ45 (RS-232/422/485) x 4	RS-232 x 1 RS-422/485 x 1
USB PORTS	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 1.1 x 2	USB 2.0 x 2	USB 1.1 x 2
LAN SUPPORT	10 BASE-T/100 BASE-TX x 1	10 BASE-T/100 BASE-TX x 1	10 BASE-T/100 BASE-TX x 1	10 BASE-T/100 BASE-TX x 2	10 BASE-T/100 BASE-TX x 1	10 BASE-T/100 BASE-TX x 2
WLAN SUPPORT	-	802.11 b (650WL)	-	-	-	-
SD CARD SUPPORT	-	Mini SD (650WL)	-	-	-	-
COMPACTFLASH CARD SLOT	CF Type-II					
AUDIO	-	-	Line-out x 1	Mic-in x 1 / Line-out x 1	Line-out x 1	Mic-in x 1 / Line-out x 1
POWER SUPPLY						
POWER ADAPTER/ Module	24V/25W AC to DC Power Adapter (Optional)	24V/25W AC to DC Power Adapter (Optional)	24V/25W AC to DC Power Adapter (Optional)	12V / 25W AC to DC Power Adapter	24V/25W AC to DC Power Adapter (Optional)	100-240V / 55W AC Input
DIMENSION AND MOUNTING						
DIMENSION (W x H x D mm)	166 x 126 x 48.63	169 x 129 x 49.2	197.2 x 136.24 x 52.1	243.57 x 177.57 x 55.1	244 x 178 x 55.2	312.5 x 242.6 x 68
COLOR	Silver					Cool Gray (Pantone:2C)
CONSTRUCTION FRONT PANEL	Aluminum					PC+ABS
CONSTRUCTION CHASSIS	Heavy-duty Steel					PC+ABS
ENVIRONMENTAL						
OPERATING TEMPERATURE	0°C ~ 50°C					
FRONT PANEL PROTECTION	IP 65 compliant					

1
Single Board Computer

2
VIDEO CARD

3
Xscale Solutions

4
Open HMI

5
VITO Universal Controller

6
DINO BLADE

7
LCD Product Series

8
Embedded System

9
Industrial Computer Chassis

10
Power Supply

11
Peripherals