



12.1" 1D/2D Barcode Scanner AFOLUX POS Panel PC

Features

- 12.1" fanless system integrate with 50°/37.5° (H/V) wide-angle, 1.3 mega-pixel 1D/2D barcode scanner
- System memory up to 2 GB SDRAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- Built-in HSUPA module for mobile connection (Optional)
- One compact flash slot

Specifications

LCD	12.1"
CPU	AMD Geode™ LX 800 (500MHz)
Chipset	AMD Geode™ LX 800+ AMD Geode™ CS5536
I/O Interface	USB USB 2.0
Serial/COM	2 x RS-232 COM Port (pin 9 with RI , 5V or 12V switch selectable)
With LED Indicator (12V--Red / 5V--Yellow / RI--Green)	
LAN (10/100Mbps)	1 x RJ-45
Cash Drawer Port	1 x RJ-12 (12V) for Cash Drawer
DC Jack	1 x DC Jack
1 x Power Switch	
1 x Reset Button	

POWER LED	1
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Memory	Supports one 1GB (maximum)333MHz or 400MHz SO-DIMM
Max Resolution	1024 x 768 / 800 x 600
Brightness (cd/m ²)	400 / 350
Contrast Ratio	700:1 / 500:1
LCD Color	262K
Touch Screen Type	Resistive Type 5-Wire
Pixel Pitch (mm)	0.240(H) x 0.240(V)
Viewing Angle (H-V)	160/160 or 140/120
Backlight MTBF	160/160 or 140/120
Housing Material	ABS + PC Plastic front frame
IP Level	IP 64 in front
Front Panel Color	Gray
HDD	1 x 2.5" HDD bay With ANTI-SHOCK
SSD	CF Type II
Mini-PCI Slot	1x mini-PCI slot (for build-in wireless 802.11 b/g module)
Built-in Speaker	AMP 1.5W+AMP 1.5W
Power Adapter	Power: 48W
Input: 90VAC~264VAC @ 50/60Hz	
Output:12VDC	
Power Consumption	29W
MSR	Magnetic Card Reader (USB interface) (optional)
MSI	Magnetic Card, Smart Card,Dallas iButton (USB interface) (optional)
Cash Drawer	RJ-12 (12VDC) interface (optional)
Bar Code Reader	Hand-held Laser Scanner (USB interface) (optional)
EMC and Safety	CE, FCC, CCC, UL, CB
Operating Temperature	0°C~50°C
Storage Temperature	-20°C~60°C
Dimension (WxHxD) (mm)	304 x 246 x 49
Mounting	Wall, Stand and Arm (VESA 75mm x 75mm / 100mm x 100mm)
Net Weight	1.8 Kg
OS Support	Windows XPE, Windows CE 5.0 or Windows CE 6.0 (optional)
Watchdog Timer	Software programmable supports 1~255 sec. System reset
Scanner Specifications	Model Name AFL2D-12B-R10

Barcode S Imax CMOS, 1.3 mega pixel

Decode Capability 1D: Code 39, Code 93, Code 128, UPC/EAN/JAN, Code 2 of 5, Code 11, Code 128

PDF: PDF417, MicroPDF417

2D: QR Code, Micro QR Code, Data Matrix, Aztec Code, Maxicode, Codablock, Composite Code, POSTNET

*OCR: OCR-A, OCR-B, E-13B MICR

*Note: Enable by purchasing decoding license

Depth of Field* 25 mm – 310 mm, (1 - 12.2") for 100% UPC

Minimum Element Width 0.102 mm (4 mil)

Minimum Element Width	0.191 mm (7.5 mil), Data Matrix
Resolution	1280 x 960 pixels
Print Contrast	20% minimum reflectance difference
Scan Pattern	Area
Focal Point	100 mm (3.94") from the imager face
View Angles	50° (horizontal), 37.5° (vertical)
I/O Ports and Switches	2 x USB Ports
1 x Power Jack	
HSUPA Mobile Solution	1 x HSUPA Mobile Module (USB Interface)
Construction Material	ABS + PC Plastic
Dimension (WxHxD) (mm)	267.5 x 71.5 x 48.5
Operation Temperature (°C)	0°C ~40°C
Storage Temperature (°C)	-20°C ~70°C
Net Weight	0.2 Kg
Power Requirement	
(With AFL-12B series)	P/N: 63000-FSP0481AD101C-RS
48W Power Adapter	
Input: 90VAC~264VAC, 50/60Hz	
Output: 12VDC	

Ordering Information

Part No.	Description
AFL2D-12BS-LXPOS/WT12/256MB/110°	12.1" SVGA fanless PPC with AMD Geode LX 800 CPU, 256MB D
AFL2D-12BX-LXPOS/WT12/256MB/110°	12.1" XGA fanless PPC with AMD Geode LX 800 CPU, 256MB D