



The allrounder of integrated information systems!



ColumBus

e1

03 5655

ColumBus LVA 200 TFT Monitor –
quality and reliability combined with noble design.

- > Saves bus line within three seconds after system-boot
- > Reboot and readiness in less than one minute
- > No master-slave connection required
- > Easy-to-connect to existing vehicle electronics
(power supply, IBIS, if necessary »vehicle stops«)
- > Easy playback of custom advertisement
(text, image, animation)
- > Adjustable rundown time
- > Linux based
- > No moving parts (fan, hard disk, etc.)
- > Viewing angle horizontal 170° and vertical 130°
– maximum visibility from (almost) every area
- > Contrast 1:600
- > Voltage range 10-32 V

Modell	LVA 200-15"	LVA 200-17"	LVA 200-19"
CPU Supports	Pentium M 1.6 GHz / 1.8 GHz		
Chipsatz	Intel 852GM and ICH4		
System Memory	DIMM slot, up to 2 GB		
Graphic Memory	Share system memory max. 64 MB	Share system memory max. 244 MB	Share system memory max. 64 MB
LCD / Touch Panel			
LCD Size	15" TFT LCD	17" TFT LCD option	19" TFT LCD option
Brightness	350nits	300nits option	300nits option
Maximal Resolution	1024 x 768	1280 x 1024	1280 x 1024
Storage			
HDD	1GB DOM option 2-10GB		
Flash Memory	1 optional Compact Flash memory (without HDD) for B78 Mainboard only		
Expansion			
Mini-PCI Slot	1, support 802.11 a/b/g WLAN Card		
PCI Express	1 for B98 Mainboard only		
External I/O Ports			
USB 2.0	4 x USB Type A		
Serial / COM	RJ-45 (COM1 standard RS-232; COM2 RS232 / 422 / 485 selectable by jumper; COM3 & COM4 pin 9 with 5V or 12V power jumper		
Parallel	1 x D-Sub 25F		
LAN (10/100/1000)	1 x RJ-45		
Cash Drawer	1 x RJ-11 (12V or 24V)		
Audio Jack	1 x Latch Type		
2 nd VGA	1 x Mic-In, 1 x Line Out		
Internal Interface			
USB 2.0			
Audio Out for bus-stop announcements / Line In			
Power			
Power Supply	DC 24V / max. 80W, norm 30 - 50W		
Environment			
EMC & Safety	FCC Class A, CE, LVD, EMV, (e1)		
Operating Temperature	0°C - 40°C / 32F - 104F		
Storage Temperature	-20°C - 60°C / -4F - 140F		
Operating Humidity	5% - 95% RH non-condensing		
Storage Humidity	5% - 95% RH non-condensing		
Dust & Water Proof	NEMA 4 / IP 65 (front)		
Dimension (W x D x H)	386 x 308 x 60 mm 15,2" x 12,1" x 2,4"	411 x 345 x 60 mm 16,2" x 13,6" x 2,4"	449 x 374 x 60 mm 17,7" x 14,7" x 2,4"
Weight	N.W. 5.8 kgs	N.W. 7.6 kgs	N.W. 9 kgs
Mounting	100 mm x 100 mm Standard VESA / Panel Mount		
OS Support	Windows Vista for B98, Windows XP, WEPOS, XP Embedded, XP Professional Embedded, WIN 2000 Professional Embedded, Linux		
Body / Casing	brush-finished stainless steel		