



AUTOMOTIVE DISPLAYS - LCD/TFT ● yes ○ no

Diagonal Model	15" / 38cm 6015 AD	19" / 48cm 6019 AD
Display		
Active screen dimensions (horizontal x vertical):	304mm x 228mm	376mm x 301mm
Resolution (pixel) / format:	Multiscan up to 1024 x 768 (XGA) / 5:4	1280 x 1024 (SXGA) / 5:4
Brightness (typical):	> 250 cd/m ² without EMI panel	300 cd/m ² without EMI panel
Contrast ratio (typical):	500:1	700:1
Colour performance:	262.144 colours	16.7 Mio colour simultaneously (full colour)
Viewing angle:	+/- 80° horizontal, 55°, 80° down	170° (typical)
Interface Board		
Frequency (Horizontal / Vertical):	30 – 80 kHz / 50 – 85 kHz	30 – 80 kHz / 50 – 85 kHz
Pixelclock:	Up to 140MHz	Up to 140MHz
Synchronisation:	Sync on green, Composite sync with auto detect, Separate H- and V-sync	Sync on green, Composite sync with auto detect, Separate H- and V-sync
Signal timing table:	640 x 400, 720 x 400, 640 x 480, 800 x 600, 832 x 624, 1024 x 768	640 x 400, 720 x 400, 640 x 480, 800 x 600, 832 x 624, 1024 x 768, 1280 x 768, 1280 x 1024
Connectors:	Mains: Euro connector with integrated fuse holder PC (analog): RGB (PC) input: 5 x BNC Customised connectors on request RS232: 9pin HD-Sub	Euro connector with integrated fuse holder RGB (PC) input: 5 x BNC Customised connectors on request 9pin HD-Sub
Controls:	Keypad, on-screen display	Keypad, on-screen display, RS 232
BITE (Built-in Test Equipment):	Front panel indication of temperature and operational data	Front panel indication of temperature and operational data
Environmental conditions		
Temperature (operating / non-operating):	0° C - + 55° C / -40° C - +70° C	0° C - + 55° C / -40° C - +70° C
Humidity (non-condensing):	10% - 90%	10% - 90%
Vibration:	2.5g, 1Hz – 50Hz	2.5g, 1Hz – 50Hz
Shock:	30g, 11ms, half sine	30g, 11ms, half sine
Climate control:	With over-/underheat indicator on front panel	With over-/underheat indicator on front panel
IP Protection:	IP54	IP65 front
Power		
Power supply:	24V (16-32V) DC	85 – 264V, 45 – 65Hz, PFC (Power Factor Correction)
Power consumption:	<45W	90W, >15W in sleep mode, 250W with heating system
Stand-by function:	●	●
Approvals		
EMI/EMC :	EN55022 class A, EN55024, special standards on request	
Safety:	EN60950, CE	
Supplied Accessories		
Operating Manual (E)	●	●
AC Power cord 2.5m:	○	●
Versions / Dimensions (H x W x D)		
Cabinet version:	310 x 433 x 128mm (w/o stand) / 10,5 kg +/-10%	On request
Rack / console mount version:	310 x 483 x 128mm (w/o handles) / 10,5 kg +/-10%	400 x 483 x 97mm / 16 kg +/-10%
OEM versions:	On request	On request
Colour		
Standard colour cabinet/front panel:	RAL 9005 (deep black), non-structured	
Options*		
Please note: Not all options may be combined.		
Power supply:	115/230V AC +/- 10% automatic selection	24V DC operating from 18V – 32V
Heating system for extended temperature range:	-25 to +55°C (2 min. useable, 20 min. according to spec.)	-25 to +55°C (2 min. useable, 20 min. according to spec.)
Wide dimming range:	●	●
Active decay compensation:	○	●
CVBS / Y/C video signal input:	●	● (15,7kHz CVBS)
RS232 serial interface:	○	●
Front handles:	●	●
Touch screens:	On request	On request
Integrated PC:	On request	On request
Customised versions:	●	●

