

COMMANDER[®] T²

TOUCH OPERATING PANEL



- Fully programmable and customisable LCD screen
- High quality graphics and interactivity
- Infinite branding and colour possibilities
- Reconfigurable in-service (floor naming, design theme and style choices)
- Security features
- Visual and audio link
- Can be used as an information platform for elevator passengers
- Potential for revenue generation for building owner through direct targeted advertising
- The Touch Operating Panel can aesthetically match to other Commander products
- Vandal resistant advantages



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GENERAL SPECIFICATIONS:

Dimension (height x width x depth) (mm), Weight (kg)	542.4 x 332.6 x 59.45. 10.15kg
19" LCD Touch screen assembly	593.2 x 371.0 x 6.2. 0.72kg
Front bezel	480 x 336.9 x 56.2. 5.52kg
Control unit (Discrete)	

ELECTRICAL SPECIFICATIONS:

Power Supply Options:	Direct input to T2 Via optional external PSU	18V to 36V DC 85V to 265V AC
Current consumption (mA)		3A max @ 24V DC
Input Apparent Power (AC PSU option)		103VA max
Rated Input Voltage (OPTO Isolated)		+5V to +27V DC
Rated Output Current (OPTO Isolated)		50mA max @ 24V DC per output
Audio		3W Mono BTL amplifier (8 Ohm load) THD+N <0.3% at 1kHz
Protection		Power supply reverse polarity protection. Power supply over-current resettable fuse. Power supply over-voltage protection. Transient suppression on all inputs/outputs

DISPLAY SPECIFICATIONS:

Size	19", 16:10 aspect (portrait mode)
Resolution	1440 x 900 pixels
Display colours	16.7 million
Brightness (typical)	300 cd/m ²
Contrast Ratio (typical)	450:1
Response time	8mS
Viewing angle	150°V / 130°H (portrait mode)

TOUCH SCREEN SPECIFICATIONS:

Technology	IR optical touch
Touch method	Finger, gloved hand or any other pointer (>3.7mm diameter)
Touch response time (typical)	14mS
Luminance Transmission	>92%
Glass	Float glass, toughened to DIN10110-7:5/4x0.63, R1.0. Total thickness 6.2 ± 0.2mm

SYSTEM SPECIFICATIONS:

Processor	Via C7 [®] 1.0GHz
Chipset	Via CX700M2
Memory	1GB DDR2 533
Storage	4 GB Compact Flash

ENVIRONMENTAL SPECIFICATIONS:

Temperature range	Operational Storage	0°C to +50°C -20°C to +60°C
Operational humidity range		0% to 95% RH

STANDARDS COMPLIANCE:

Vibration	3-axis Sinusoidal	IEC 60068-2-64:1993 IEC 60068-2-6:1995
Bump		IEC 60068-2-29:1987
Freefall (packaged and unpackaged)		IEC 60068-2-32:1975
Altitude		MIL-STD 810F sect 500.4
Ingress protection (inside car)		IEC 60529:2001, IP54
Electromagnetic compatibility:	Emission Immunity	BS EN12015:2004 : Lifts escalators and passenger conveyors BS EN12016:2004: Lifts escalators and passenger conveyors

These specifications are subject to change



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