CB-TOUCH AND CB-CP SERIES

CONTROLBRIDGE PROCESSOR, TOUCH PANELS, AND ACCESSORIES





OVERVIEW

CONTROLBRIDGE DATA SHEET

INTRODUCTION

Control a variety of devices in your control room with the ControlBridge Processors and Touch Panels.

TOUCH PANELS (CB-TOUCH7-T AND CB-TOUCH12-T) FEATURES

- WIRED TABLETOP AND BUILT-IN TOUCH PANELS.
- 7-INCH AND 12-INCH ACTIVE MATRIX TOUCH SCREEN DISPLAYS
- RESOLUTION 1280 X 800 PIXELS FOR 7-INCH AND 12-INCH.
- COLORS 32-BIT (TRUE-COLOR), TRANSPARENCY 8-BIT ALPHA BLENDING.
- WIRED ETHERNET COMMUNICATION.
- POWER OVER ETHERNET POWER SUPPLY.
- BUILT-IN MICROPHONE AND SPEAKERS.
- BUILT-IN LIGHT AND PROXIMITY SENSORS.
- REAL TIME CLOCK (RTC) FOR SCHEDULING APPLICATIONS
- ALUMINIUM ENCLOSURE, ALUMINIUM FRONT PANEL FOR **BUILT-IN MODELS.**
- BI-DIRECTIONAL CONTROL OF ANY IP ENABLED PRODUCTS THROUGH ETHERNET PORT.
- WEB SERVER AND ADMIN CONTROL PANEL FOR SETUP THROUGH A STANDARD WEB BROWSER.
- PROGRAMMING

NOTE: THE TOUCH PANELS MUST BE PROGRAMMED USING CONTROLBRIDGE BUILDER.

PROCESSOR (CB-CP100) FEATURES

- ETHERNET IP ENABLED CONTROLLERS.
- MODERN ARM® PROCESSOR PLATFORM.
- ON-BOARD REAL TIME CLOCK.
- WIRED 10/100BASE-T LAN.
- BI-DIRECTIONAL CONTROL OF ANY IP ENABLED PRODUCTS THROUGH THE ETHERNET PORT.
- VARIOUS TYPES OF CONTROL PORTS.
- BI-DIRECTIONAL SERIAL RS-232/485.
- IR /SERIAL OUTPUTS (IR UP TO 1.2 MHZ).
- REAL TIME CLOCK (RTC) FOR SCHEDULING APPLICATION.
- WEB SERVER AND ADMIN WEB FOR SETUP THROUGH A
- STANDARD WEB BROWSER.
- ALUMINIUM ENCLOSURE DESIGN FOR DESKTOP AND 19-INCH KIT ENABLES RACKMOUNTING.
- VARIOUS ACCESSORIES AVAILABLE.
- BOTH CONTROLLER MODELS INCLUDE A WEB SERVER AND ALLOW FOR SETUP THROUGH A STANDARD WEB BROWSER.
- THE ALUMINIUM ENCLOSURE CAN BE INSTALLED ON A TABLETOP OR A 19-INCH RACK USING THE **CONTROLBRIDGE CONTROL PROCESSOR 19-INCH** MOUNTING KIT (CB-CP-RMK).

SPECIFICATIONS

CONTROLBRIDGE

FRONT VIEW

BACK VIEW



CB-TOUCH7-T

CB-TOUCH7-T

FRONT VIEW



CB-TOUCH12-T



BACK VIEW

CB-TOUCH12-T

WHAT'S INCLUDED WITH CB-CP100

- (1) CONTROLBRIDGE 100 SERIES PROCESSOR
- (2) IR ADAPTERS
- (1) CONNECTOR SET (PHOENIX CONNECTORS FOR I/O)
- (1) ETHERNET CABLE
- (1) POE ADAPTER + POWER CABLE
- (1) 24VDC POWER SUPPLY WITH INTERNATIONAL CLIPS

WHAT'S INCLUDED WITH CB-TOUCH7-T AND TOUCH12-T

- (1) 7" TOUCH PANEL CONTROLLER (FOR CB-TOUCH7T MODEL)
- (1) 12" TOUCH PANEL CONTROLLER (FOR CB-TOUCH12-T MODEL)
- (1) (1) PoE ADAPTER + POWER CABLE
- (1) ETHERNET CABLE
- (1) CLEANING TISSUE



PROCESSOR SPECIFICATION CHART

CONTROLBRIDGE DATA SHEET

	PROCESSOR SPECIFICATION CHART CB-CP100 Power Supply: IEEE 802.3af CE, FCC, RoHS 3			
	CB-CP100			
APPROVALS	11.7			
BIDIRECTIONAL SERIAL RS-232/485	3			
ENCLOSURE	Aluminum			
IR RECEIVERS	1 (for capture)			
RAM/NON-VOLATILE FLASH	64 MB/256 MB			
VERSATILE I/O PORTS	8			
WIRED 10/100BASE-T ETHERNET	1			
POWER	24 VDC power supply, maximum 4 W, PoE, IEEE 802.3af Class 0			
DIMENSIONS	1.7"H x 4.1"W x 3.6"D (4.4 x 10.5 x 9.2 cm)			
WEIGHT	0.7 lb. (0.3 kg)			

TOUCH PANEL COMPARISON CHART

CONTROLBRIDGE DATA SHEET

TOUCH PANEL COMPARISON CHART					
FEATURE	СВ-ТОИСН7-Т	СВ-ТОИСН12-Т			
DISPLAY TYPE	Color a-Si TFT LCD with LED backlit				
DISPLAY SIZE	7" (177.8 mm) diagonal 12.1" (307.3 mm) diagonal				
RESOLUTION	1280 x 800 pixels				
VIEWING ANGLE	±80° horizontal, ±80° vertical				
TOUCH OVERLAY	Projected capacitive, edge-to edge glass				
SENSORS	Light and proximity				
AUDIO	Microphone and speakers				
MEMORY	RAM 512 MB, microSD Card min. 8 GB				
NETWORK	Wired 10/100 BaseT Ethernet				
POWER SUPPLY	PoE, IEEE 802.3af / Class 0 PoE+, IEEE 802.3at / Class 4				
ENCLOSURE	Aluminium, glass Integrated tabletop stand				
DIMENSIONS	199 x 115 x 97 mm 320 x 192 x 153 mm				
WEIGHT	0.8 kg	2.4 kg			

ORDERING INFORMATION

CONTROLBRIDGE DATA SHEET

ITEM	CODE	
ControlBridge		
Processor 100	CB-CP100	
Wired Touch Panel Desk		
7 inch	СВ-ТОИСН7-Т	
12 inch	CB-TOUCH12-T	
IR Emitter	CB-ACC-IR-UNI	
Input/Output Cable Serial, DTE Male, DB9, 9.8 ft. (3 m)	CB-ACC-232DTE-30	
Processor Rackmount Shelf—19"	CB-CP-RMK	
License for Mobile Device—Single Seat	CB-APP-LIC	

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