



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Modules and Accessories

Modules for PWS-770 (CTOS Only)

1D Barcode Scanner



- P/N: S10A-93-S10A2-015 (w/o camera)
S10A-93-S10A2-011 (with 2.0M camera)
- SPEC:
 - ZEBEX Z-5111 1D Imager
 - LED Source: 617 visible LED
 - Optical system: Linear CCD array
 - Microprocessor: 32bit
 - Depth of Field: 300mm
 - Scan Angel: 43°
 - Interface: USB
- Operating temp.: 0°C–50°C
- Dimensions: 75.3 x 44 x 34.2mm
- Weight: 35g (w/o camera)

1D barcode Scanner (Intermac)



- P/N: PWS-770-BAR100E (w/o camera)
PWS-770-BAR120E (with 2.0M camera)
PWS-770-BAR150E (with 5.0M camera)
- SPEC:
 - Intermac EV15 1D Imager
 - Light Source: Amber LED 617nm (solid state)
 - Sensor: APS CMOS bi-linear
 - Scanner rate: Up to 500 scan/s
 - Scan Angel: 40°
 - Interface: USB
 - IP Rating: IP54
- Operating temp.: -10°C–50°C
- Dimensions: 75.3 x 44 x 34.2mm
- Weight: 35g (w/o camera)

2D Barcode Scanner



- P/N: PWS-770-BAR200E (w/o camera)
PWS-770-BAR220E (with 2.0M camera)
PWS-770-BAR250E (with 5.0M camera)
- SPEC:
 - Intermac EA31 2D Imager
 - Light Source: Highly visible white LED (Aimer 617 nm red LED)
 - Optical resolution: 752 x 480 pixels
 - Motion tolerance: 400 in/s
 - Reads 1D & 2D matrix codes
 - Ability to read damaged, poorly printed, and colored bar codes
 - Scan Angle: 39° (Horizontal), 25.5° (Vertical)
 - Interface: USB
 - IP Rating: IP54
- Operating temp.: -10°C–50°C
- Dimensions: 75.3 x 50 x 38mm
- Weight: 40g (w/o camera)

MSR (Magnetic Card Reader)



- P/N: S10A-93-S10A2-012
- SPEC:
 - GIGATEK MSR170
 - 43mm Magnetic stripe swipe card
 - Standard: ISO 7810, 7811
 - Decoding method: ISO TK1,2, &3
- Dimensions: 75.3 x 49 x 31.5mm
- Weight: 40g

2.0M Camera



- P/N: PWS-770-CCD100E
- SPEC:
 - Fangtec EM5020B
 - Image resolution: 1600(H) x 1200(V)
 - Compliant to USB Video Class
 - CMOS sensor
 - IP54, 4ft drop
- Operating temp.: -10°C–50°C
- Dimensions: 75.3 x 19 x 17.5mm
- Weight: 7.8g

5.0M Camera



- P/N: PWS-770-CCD200E
- SPEC:
 - Fangtec AV5650A22
 - Image resolution: 2592(H) x 1944(V)
 - Compliant to USB Video Class
 - CMOS sensor
 - Supports Auto Focus Control
 - Supports for LED Flashlight
 - IP54, 4ft drop
- Operating temp.: -10°C–50°C
- Dimensions: 75.3 x 19 x 17.5mm
- Weight: 7.8g

HF RFID



- P/N: S10A-93-S10A2-014
- SPEC:
 - REYAX RR10
 - Based on the RFID 13.56MHz protocol
 - Supports Tag ICs: ISO1444A, ISO14443B, ISO15693, NFCIP-1, NFCIP-2
 - IP Rating: IP54
- Operating temp.: -10°C–50°C
- Dimensions: 75.3 x 41 x 38.8mm
- Weight: 40g

Accessories for PWS-770

Carry Bag



- P/N: S10A-93-S10A1-001
- Material: PVC
- Color: Black
- Dimensions: 265 x 230 x 30mm
- Weight: 440g

Hand Strap



- P/N: S10A-93-S10AA-002
- Material: PVC
- Color: Black
- Dimensions: 245 x 175 x 10mm
- Weight: 85g

External Battery



- P/N: PWS-770-BAT100E (11.1V 3760mAh)
 - IP rating: IP54 With Device
 - Dimensions: 181.8 x 87.6 x 18.8mm
 - Weight: 325g
- P/N: PWS-770-BAT200E (11.1V 5000mAh)
 - IP rating: IP54 With Device
 - Dimensions: 181.8 x 87.6 x 26.8mm
 - Weight: 382g

Stand



- P/N: S10A-93-S10A6-001
- Material: SECC + Rubber
- Angle: 0–75 degree angle
- Dimensions: 207 x 117 x 12mm
- Weight: 100g

VESA Mount



- P/N: S10A-93-S10A6-011 (M6)
- P/N: S10A-93-S10A6-021 (M4)
- Material: SPCC
- Color: Black
- Dimensions: 176 x 237 x 19mm
- weight: 306g

Car Adapter (Lab. testing)



- P/N: PWS-770-CADAP00E (10-32V to Cigar Lighter)
- PWS-770-CAD1200E (12V relay to wire)
- PWS-770-CAD2400E (24V relay to wire)
- 90W Max. Continuous Output Power
- Output 18.5V ± 5%
- Input power 110W max at continuous load
- Operating Temp: -20 ~ 70° C (for 66% Load), -20 ~ 40° C (for any condition)
- 4.6" x 2.1" x 1.3" Package Size
- Over-Voltage and Short Circuit Protection
- Built-in EMC Filter
- CE, FCC, UL, CB, C-Tick, E-Mark Certified
- Weight: 380g