

**SPECIFICATIONS**

General Characteristics	PURE TIMING SYSTEM PTS500	PURE TIMING SYSTEM PTS1200
LOOPS	4	12
VOX	1	UP TO 2
AUDIO AMPLIFIER	1	1
POS SUPPORT	YES	YES
RELAYS	4	12
GPIO	4	4
ADC	2	2
UNIQUE VIDEO DISPLAYS	2-6	2-6
DUPLICATED VIDEO DISPLAYS	4	4
ETHERNET	UTP 10/100	UTP 10/100
POWER SUPPLY	115/240VAC	115/240VAC
COMPLIANCE	FCC PART B	FCC PART B
ENCLOSURE	19" STEEL, POWER COATED	19" STEEL, POWER COATED
COLOUR	WHITE	WHITE
DIMENSIONS	METRIC: 480MM X 370MM X 110MM IMPERIAL: 18.89" X 14.56" X 4.33"	METRIC: 480MM X 370MM X 110MM IMPERIAL: 18.89" X 14.56" X 4.33"
WEIGHT	8KG / 17.64LBS	8KG / 17.64LBS

**Specific Characteristics**

<b>LOOPS</b>	
INDUCTANCE	80-100UH
LOOP OPEN DETECT	YES
LOOP SHORT DETECT	YES
APPROACH DELAY	0-16000mS
DEPART DELAY	0-16000mS
IPEAK HOLD	YES
PERCENTAGE CALC DEPARTURE	0-100%
APPROACH FILTER	0-16 SECONDS
DEPART FILTER	0-16 SECONDS
LOCKED LOOP AUTO RESET	OFF-20MINS
EARTH LEAKAGE DETECT	10-300MEG OHMS
<b>VOX</b>	
INPUT VOLTAGE	3Vp-p
FREQUENCY	10HZ-15KHZ
BINARY SET THRESHOLD	YES - SET VIA POTENTIOMETER
ADC	YES - 0-1024
CONNECTION	3.5MM PHONO + 3.6MM TERMINAL
<b>AUDIO AMPLIFIER</b>	
POWER	20W
IMPEDANCE	4 OR 8 OHMS
CLASS	D
CONNECTION	5MM TERMINAL
<b>POS SUPPORT</b>	
INTERFACE TYPE	USB TO UART (RS232 or RS485)
IO TYPE	USB2.0
PORTS	3
<b>RELAYS</b>	
MAX VOLTAGE/AMPS	30VDC/2AMPS
FOLLOW LOOPS	YES
USER CONFIGURABLE	YES (VIA SOFTWARE)
<b>GPIO (GENERAL PURPOSE INPUT/OUTPUT)</b>	
INPUT VOLTAGE	5V MAX
OUTPUT VOLTAGE	3.3V MAX
IO TYPE	SINGLE ENDED (REF TO GND)
<b>ADC (ANALOG TO DIGITAL CONVERTER)</b>	
INPUT VOLTAGE	5V MAX
RESOLUTION (BITS)	12'b (1024d)
IO TYPE	SINGLE ENDED (REF TO GND)
<b>VIDEO DISPLAYS (VGA)</b>	
INTERFACE TYPE	HD-DB15F
STANDARD RESOLUTION	WUXGA 1920x1080 @ 60HZ
EDID	NO
MAX CABLE LENGTH	60M

SPECIFICATIONS

**VIDEO DISPLAYS (UTP)**  
INTERFACE TYPE  
STANDARD RESOLUTION  
MAX CABLE LENGTH

RJ45 (CAT5)  
WUXGA 1920x1080 @ 60HZ  
100M

**POWER SUPPLY**  
AC INPUT VOLTAGE  
AC INPUT CURRENT  
POWER FACTOR CORRECTED  
OPERATING TEMPERATURE  
OPERATING HUMIDITY  
MTBF  
COMPLIANCE

UNIVERSAL (88-264VAC 47-63HZ)  
3.6A/115VAC 1.8A/230VAC (240W)  
YES - 240VAC >0.95% - 115VAC - >0.98%  
-20 TO +70 DEGREES CELSIUS  
20 ~ 90% RH non-condensing  
284K HOURS MIN - MIL-HDBK-217F (25°C)  
ITE - UL60950-1, TUV EN60950-1 approved  
EMI - Compliance to EN55022 (CISPR22) Class B  
HARMONIC - Compliance to EN61000-3-2,-3  
EMS - Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level, criteria A