CruiserPC6Platform™ First Responder mobile computing platform

Description

Universal Com Link's CruiserPC6platform™ is a complete mobile computer system designed especially for First Responders. This professional, all solid state, system will handle a wide array of functions and software required by today's - and tomorrow's - public safety personnel.

Built for dependability and long life, CruiserPC6 platform ™ is designed to withstand the temperature fluctuations and heavy vibration of mobile operations. CruiserPC6 platform ™ is all solid state - no mechanical hard drive or fans with moving parts to fail. Our exclusive shock mount isolates the system from shock and vibration. The system is designed for rugged cruiser vehicle requirements.

CruiserPC6platform™ is one screaming monolithic machine! In addition to handling all of your digital and audio recording requirements, it's ready to run the other Windows® based software packages that you need to perform your job. Many monitor and keyboard options are available to suit your particular needs.

Features

- All Industrial Grade components
- All solid state - no moving parts or fans to fail
- Shocked mounted to withstand a crash up to 150mph
- Continuous "Smart" monitoring of incoming power
- Low 4 – 8 watts power usage
- Supports Windows® based software programs
- Support for 4 video and 4 audio inputs - 30fps digital recording on every camera
- Status inputs for doors, lights, siren, brakes, vehicle voltage/charging system, etc.
- Outputs for remote control - such as door locks, remote start, etc.
- Remote communication thru 2-way radio, cellular, WiFi, or other options
- Auto download of data when returning to station
- GPS, On-Board Navigation, & Auto Vehicle Locator (AVL)

CruiserPC6Platform™ Specifications

HARDWARE	
Video Inputs	4 BNC (Level 1.0Vp-p, impedance 75Ω)
Video Compression	H.264 (MPEG-4/part10)
Recording Speed	1 - 120 frames per second/Ch (NTSC). 1/16th - 30 F/S/Ch (PAL).
Recording Resolution	720x480 (min)
Recording Options	Adjustable frame rate (per camera), adjustable bit rate, manual, scheduled, motion detection, and alarm
Preview Resolution	4CIF
Playback Resolution	QCIF/CIF/2CIF/DCIF/4CIF
Output Bit Rate	32kbps-768kbps (CIF) Real-Time
Monitor Output	VGA/DVI
Cameras	Super High Resolution w/Infared "night vision"
Audio compression	Ogg Vorbis
Audio Input	4 BNC (Electrical Level: 2Vp-p, impedance: 1kΩ, volume control 83DB)
Wireless mic	Support for body mic (Bluetooth, etc.)
Audio Sampling Rate	16KHz
Audio Output Bit Rate	16kbps
Watermark	Support for security watermark technology and dual encoding.
Alarm in/out	4 Sensor Input Connections, 2 Alarm Output Connections. NO/NC Optional
Event logging	Triggered by incident button – tags video around event for easy recall
Record Mode	Continuous REC, Timer REC, Alarm REC, Motion Detect REC, Schedule REC
Motion Detection	Each channel up to 192 detection zone, sensitivity adjustable
HDD	Solid State – 350Gig standard – options up to multi-Terrabyte drives
USB	1 USB 2.0 port (USB Flash Drive)
Network Protocol	DHCP, PPPoE, Static IP, TCP/IP
Wireless Communication	Two-way Radio, cellular, WiFi, WiMAX, Ethernet, Wireless LAN (802.11) and other wireless options
Communication Interface	1 RJ-45 (10/100 Ethernet), 1 RS232, 1 RS485
GPS Interface	Built-in GPS module, SMA antennas
Vehicle Sensor (Optional)	Brake, stop, warning, left, right, reverse, light bar, siren, vehicle speed, vehicle speed calibration function, Km/h or Mile/h selectable
Monitor	Different monitor sizes and touchscreen options are available
Keyboard	Different keyboard and mouse (wired/wireless) configurations are available to suit your particular requirements

SOFTWARE	
Operating System	Windows® or Linux
Software Support	Runs Windows® based software programs
Web Client Software	Included - Web based - secure login
Remote Client Software	Included- All configuration can be done remotely
Language	English

ELECTRICAL & ENVIRONMENTAL	
Power Requirements	6 – 38VDC – Reverse polarity protected
Power Consumption	4-8 Watts depending on options
Cooling	Beryllium/Copper heat conductance system (patent pending)
Operating Temperature	-30° to +180°F (-35° to +82°C)
Operating Humidity	10-98% RH (non-condensing)
Power-Off Delay	Shut down delay after ignition is off (5 mins - 6 hours)
Scheduled On/Off	Daily scheduled power on/off (00:00 - 24:00)

PHYSICAL	
Weight	Approximately 5lbs(2.3kg) depending on options
Dimension (W x H x D)	7.5" x 3" x 7.25" (190.5mm x 76.2mm x 184.2mm)
Shock Mounting	Dynamic Fluidic Shock & Vibration Dampening System
Shock Tolerance	300G
Regulatory Type	CE, FCC, UL, RoHS (lead free)

WARRANTY	
System	3 years - parts and labor
Installation	All UCL installations are covered by our 1 year workmanship warranty
5 Year Extended	Optional warranty to protect your investment for 5 years

Universal Com Link's mobile solutions are currently being used in the following applications:
- Law Enforcement - Patrol Cars
- Military - Tanks
- Emergency – Ambulances, Fire Trucks
- Public – Buses, Trains, Railways, Subways
- Commercial - Limousines, Taxis, Vans
- Industrial – Heavy Equipment, Oil drilling platforms
- Transportation - Freight Liners
- Aviation – Helicopters, Commercial and Private Aircraft

UCL has complete interoperability systems & solutions

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