



VIGILANT VLP COMMS BOX

The Vigilant VLP Comms Box combines processing and power in a durable, ruggedized enclosure that is equipped with an all-in-one built-in processor with GPS and PoE. Easy to install and capable of supporting up to four ReaperHD cameras, the Vigilant VLP Comms Box can be mounted in a variety of locations and operate under extreme weather conditions.

KEY SPECIFICATIONS

- Intel 8th Gen Core i7
- 10 x GbE LAN (Optional for M12 connector and 8 x PoE total Max. 100W)
- 8 x GPI, 4 x GPO and 3 x RS-232/422/485
- 3 x Display Ports
- Dual Hot Swappable SATA Storage RAID 0,1,5
- 9-48V DC Input and Operating Temp.: -40~70°C

KEY FEATURES



DELAY TIME

Avoid data corruption with delayed shutdown



POWER IGNITION

Continuously powered even when turned off



WIDE RANGE CAPTURE

Capture license plates from 6ft up to 80ft



WIRELESS

Connect and configure the box wirelessly



Power input view



PoE output view



VIGILANT VLP COMMS BOX SPECIFICATIONS

SYSTEM	
CPU	Intel Gen8 Core i7-8700T (12M Cache 2.4GHz up to 4.0GHz)
Memory	2 x 4GB DDR4 2400 MHz SO-DIMM
LAN Chipset	9 x Intel i210-AT and 1 x i219 (iAMT9.5 w/ i5, i7 only) Gb/s Ethernet Controllers Onboard Support PXE and WOL

I/O	
Serial Port	3 x RS 232/422/485 (Auto Direction Control)
USB Port	4 x USB 3.0 Ports
LAN	10 x RJ45 Ports for GbE (Optional for M12 connector and 8 x PoE total Max. 100W)
Video Port	3 x DP Ports

POWER REQUIREMENT	
Power Input	120V AC and 220V AC
Power Protection	Automatic Recovery - Short Circuit Protection
Power Management	Remote/Ignition connection to toggle power
Power Off Control	Power off Delay Time Setting by BIOS and Software

SOFTWARE	
Operating System	Win 10, Ubuntu 18.04 64bit

GRAPHICS	
Graphics	Intel® UHD Graphics 630
Resolution	Max Resolution (DP) : 4096x2304@60Hz

STORAGE	
Type	2 x 2.5" Drive Bay for SATA Type HDD/SSD RAID 0, 1, 5 1 x mSATA

ENVIRONMENTAL	
Operating Temp.	-40°C ~ 70°C, ambient w/ 0.6m/s airflow
Storage Temp.	-40°C ~ 80°C
Relative Humidity	10% RH – 90% RH (non-condensing)
Vibration (random)	EC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis with SSD
Vibration Operating	MIL-STD-810G, Method 514.6, Procedure I, Category 4
Shock	Operating: MIL-STD-810G, Method 516.6, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD
Certifications	CE, FCC Class A, E13

MECHANICAL	
Construction	Polycarbonate
Mounting	Wall or pole mount
Weight	5190g (bare-bone)
Dimensions	260(L) x 250(W) x 95(H) mm

Questions? Contact sales@vigilantsolutions.com
or call 925-398-2079.



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