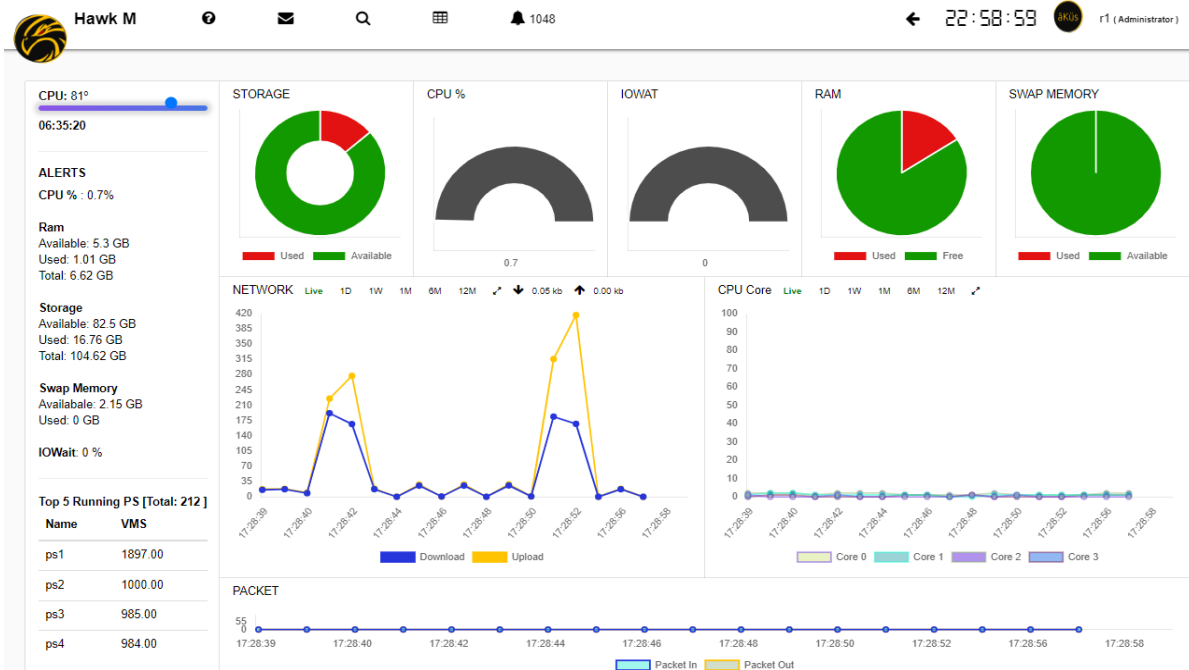# Hawk M

Hawk M
Hardware Datasheet

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❖ **Stand-Alone Device & Independent Operation**

It is a standalone monitoring system which works as D(evice)-aaS.
Therefore, neither third party PC/device/integration/ Hardware nor external application software(s) is required. Easy to set-up, operate, and maintain.
For advance features accessories component are available. Check Here **BuZZ**-ard (An EMS- Environmental Monitoring System Rack- Bug device).

❖ **Compatibility Matrix for different model**

✓ Product (Hawk)®	M (Premium)		
✓ Configuration difference	P1L2x32	P1L2x64	P2L2x64
o RAM	32 GB	32 /64 GB	64 GB
o Processing platform	Intel	Intel / AMD	Intel / AMD
✓ Storage platform	M.2 SATA	M.2 NVMe	M.2 NVMe
✓ Base Platform to run (environment)	Linux (Inbuilt)	Linux (Inbuilt)	Linux (Inbuilt)
✓ Accessories supported	Yes	Yes	Yes
✓ Power	Single	Single	Dual
✓ Hosts	Upto 600*	Upto 1000*	Upto 1000*
✓ Additional Software / Third party Integration	Not Required		
✓ Additional Hardware accessories (***)	Yes (Additional Accessories – Optional like BUzz)*		
✓ Browser Supports (Firefox, Chrome, IE, Opera, Safari) and all major resolutions (IOT Devices, Video Wall, NOC Wall, Large monitor, Multi-monitor, Desktop, Projection,)	YES		
✓ Operating Systems compatibility	Inbuilt		

	Hawk M
• Windows Client supported	YES
• Linux Client supported	YES
• Virtual Machines / Hypervisors supported	YES
✓ Reports and Formats (Excel (csv), PDF, JSON/XML)	YES
✓ Alerts / Alarms (SMS*#, Email, Web-Console)	YES
✓ Auto Hawk Mode (AI & ML Based)	No (But support through X)

*If device manufacturer OEM is partner for aKus ITs or our authorized accessories. Please check your model accessories in website section. You can contact our sales professional assigned.
** Additional ***Optional *# Third party services will be required.

❖ **Unified NMS Features**

Product: (Hawk)	Premium
Software Version	**HMV22.01**
✓ **DCIM (Assets and Inventory) / Inventory Management System**	YES DCIM
✓ **EMS Environment Monitoring System**	YES (BUzz)
✓ **IP Camera**	YES (Stream & Record)
✓ **CCTV Monitoring System dashboard**	YES (Web-Console Only)
✓ **NMS (Network Management System)**	YES
✓ **Monitoring Solutions**	YES
• Network – NMS(Monitoring & Mgmt)	YES
• System – (Server, Chassis, and VMs)	YES
• Applications performance – APM	YES
• Websites Performance – WPM	YES
• Database Performance – DBM	YES
• Storage (Capacity) Monitoring – SCM	YES
✓ **Reports / Audit Reports**	YES
✓ **Alerts / Alarms / Notifications**	YES
✓ **CPU Utilisation**	YES

✓ Memory Utilisation	YES
✓ Storage Consumptions	YES
✓ Network Utilisation	YES
✓ Power Usage Efficiency	YES
✓ Stacking & Replication	YES
✓ SSL Certificate Mgmt	YES
✓ Backup & Restore (Central Location)	YES
✓ Personalise Monitoring	YES
✓ View Theme (Day / Night)	YES

❖ **Protocols**

Product (Hawk)	M (Premium)
IEEE, IANA, IETF, DMTF – SNIA, MMUSIC WG,	YES
✓ Native Monitoring Protocols	YES
✓ Standard Management Protocols	YES
❖ International Standard Hign-End Compliance	YES
❖ Certified BSI, QCI, ISO 9001:2015, CE, FC compliant components	YES

❖ **Version Information**

Version	HV22.01
Hardware / Software	

❖ Other Useful Information

Product	Keypoints
Hawk	Device - Network Monitoring Software (NMS) – All in All Solution for IT Infrastructure
Suitable (available for all categories)- Multi Vendor & Multi Protocols Compatible	M (Premium) - Small scale to Mid scale Industry
Model	P1L2x32 (Small Business) & P1L2x64, P2L2x64 (Dual Power) (Medium size Businesses)
Accessories	Support BuZZ (EMS: Rack-Bug)
Type	Nationwide Standalone Device with NMS Software Inbuilt – Web based Console
Modules of Network Monitoring Software	SNMP* Monitoring, Netconf, Restconf, SSH (TLS/SSL), APIs, Netflow, Syslog, NCM, ACIM, Physical host monitoring, rDCIM, APM, DBM, WSM
Types of License	Perpetual*
Agent (No additional cost)	Available in Agent less or Agent full both
Redundancy Power	Internal Redundancy for dual power (1U & 2U as per PSU options)
Mounting	Standard 19" Rack L-Shape Bracket (Included) Wall –(*backpanel holder supported) (On request Only) Stand mounting – (*Stand) (On request Only)
Power Supply	1.2Volts (Rack C13 PDU - 6 Amp Three Pin socket)) (Included)
Environment Temperature	Standard cooling temperature of DC / Room Temperature
Scope of Installation	24 months support (Administration excluded)
Training Options	On-site (1 Day), Virtual, Videos, Tutorial Documents, Admin Guide (Black Book), Slides etc. (Check with Presales team for On-site availability **here**)

❖ Device Info and integrated functions
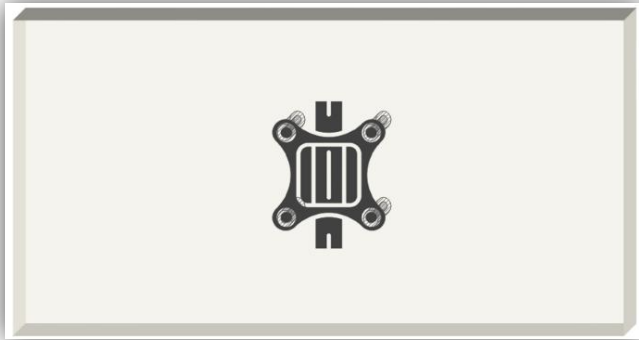
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Additional Details	Description I	Description II
Domain / Type	Device (IoT Enabled)- Network Monitoring Software (NMS) – All in All Solution for IT Infrastructure	NMS, DCIM(ITIM | AMS), APM, WPM, EMS, VMS, DBMS, SCM Control & Monitoring Services and many more..
Modules	Network Monitoring System, Network Management System, DCIM {Data Center(s) Inventory / assets Management (ITIM | AMS) }, APM – Application Performance Monitoring, Websites Performance Monitoring, Environment Monitoring System, Video (CCTV) Monitoring System, DBMS- Database Monitoring System, SCM –Storage Control & Monitoring Services, Reports, and Audits. Auto discovers hosts.	Suitable for : Home IT office, IT Room, Server room, Computer Room, Server hall, NOC, NAC, Integrated Command and Control Centers, Datacenters (Tier2, 3, and 4), distributed IT Infrastructure, Nationwide, hybrid and cloud IT etc.
Type	Standalone Device with Inbuilt Software and Web based Console	(No Additional Hardware or Software required)**
Country Origin	Make in India	
Model / Part No	Hawk (V22.01)	
Software Description	HMV 22.01	
Software Version & Date of Launch of Version	HMV 01.01.2022	
Web-Console Resolution	Supported FHD (<1920 x 1080) to 4K (3840 x 2160>)	Check Series and model
Licence Delivery Mode and upgrade	Electronic License (Offline / Online)	Upgrade (Through Electronic medium like DVD, Flash, USB, etc.)
Platform type	IoT Hardware –Plug and Play Device with Web based console management and monitoring	
Hosting &Deployement	Client's Private Cloud, Shared, Co-Location or On Premises (Rack Mount, Wall Mount , and Stand Mount)	

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Hawk M

FAQ (Frequently asked Questions) and Quick links

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