

Cybersecurity Assessment Platform

Purpose-built visibility for connected physical-security, OT and IoT environments



IPMeter 521-XT extended-temperature collector appliance

SEE EVERY DEVICE. UNDERSTAND EVERY RISK.

IPMeter is an on-premises cybersecurity assessment and telemetry-collection platform for operational technology, connected devices and physical-security networks. Two purpose-built collector appliances combine controlled assessment, asset context, syslog and SNMP services, and actionable reporting.

DISCOVER	ASSESS	PRIORITIZE	REMEDIATE
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Core capabilities

Discovery and inventory Identify authorized OT, IoT and physical-security assets.	Controlled assessment Run approved profiles against allowed targets with rate limits and immediate stop.	Risk and impact mapping Prioritize findings and associate them with controllers, cameras, EPMS and BMS assets.
Centralized syslog relay Receive logs as a relay, forwarder or collector and forward authorized events to a SIEM/NMS.	SNMP services Poll directly or act as an SNMP proxy/gateway; receive and forward traps or informs.	Local evidence and integration Generate reports and integrate with UnityIS, SolarWinds and on-premises ticketing systems.
TWO FULL COLLECTORS Standard- and extended-temperature models each operate independently or as peer nodes in an approved federated system. No separate management tier is required.		AIR-GAPPED INTEGRATION Connects to IMRON UnityIS®, SolarWinds, SIEM/NMS and on-premises trouble-ticketing platforms through approved syslog, SNMP, API or middleware interfaces.

Critical-infrastructure deployment

Designed for distributed use patterns across the 16 CISA critical-infrastructure sectors. Collectors may sit near authorized Level 1/2 asset zones and move approved telemetry through Level 3 toward a Level 3.5 industrial DMZ without bridging zones, bypassing firewalls or participating in the safety/control loop.

LEVELS 1-2 Authorized assets	IPMETER Collect / assess / relay	LEVEL 3 Local operations	LEVEL 3.5 IDMZ Controlled northbound flow
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SECURE OS BASELINE | TLS-protected communications | Unique credentials and RBAC | Audit logging | Managed releases | Local-first operation

Two collector appliances. One secure platform.

Both IPMeter 521-series appliances use the same Core Ultra processing architecture, IPMeter Secure OS and collector application stack. Select the environmental model; deploy it standalone or as a peer in a federated system.

ATTRIBUTE	STANDARD-TEMPERATURE	EXTENDED-TEMPERATURE
Model / platform	IPM-521-ST-32-1T / Helix HX521	IPM-521-XT-32-1T / Karbon K521
Environment / range	Standard-temperature industrial / 0 to 50 °C	Extended-temperature rugged / -40 to 70 °C
Processor / memory	Intel Core Ultra 7 165H / 32 GB DDR5-5600	Intel Core Ultra 7 165H / 32 GB wide-temperature DDR5-5600
Storage / network	1 TB industrial NVMe / 4 x 2.5 GbE	1 TB industrial NVMe / 4 x 2.5 GbE
Power / enclosure	12 to 24 VDC / 50.8 x 177 x 225 mm	12 to 48 VDC, automotive-capable / 50.8 x 177 x 225 mm
Deployment	Standalone or federated collector	Standalone or federated collector

Telemetry relay and management interfaces

Direct communication needs no intermediary when routing and firewall policy permit it. Otherwise, deploy IPMeter as a centralized syslog relay and SNMP trap-forwarding service, with SNMP proxy/gateway capability for approved polling.

FUNCTION	DIRECTION	DEFAULT PORT
Syslog	Device to collector	UDP/TCP 514
Secure syslog	Device to collector	TCP 6514
SNMP polling	Collector/manager to device	UDP 161
SNMP traps/informs	Device to collector/manager	UDP 162

SNMPv3 preferred | Syslog over TLS preferred | Allowed targets | Rate limits | Immediate stop | RBAC and audit logs

OnLogic standards and procurement baseline

VERIFY AT SUBMITTAL	HELIX HX521	KARBON K521
Configuration-specific IEC/UL/EN 62368-1; FCC Part 15 Class A; CISPR 32/35; CE/UKCA; RoHS 3/REACH/WEEE; applicable IEC/EN 60601-1-2 documentation.	0 to 50 °C industrial platform. OnLogic identifies UL, RoHS, FCC and CE declarations plus application-specific EMC testing.	-40 to 70 °C rugged platform. Karbon 520-series documentation identifies MIL-STD-810H shock/vibration validation and IEC 60601-1-2 immunity testing.

SUBMITTAL CONTROL: Product availability or ITF testing does not authorize unilateral changes. Submit any deviation, addition, deletion, quantity change or part-number substitution for review and approval before procurement or installation.

ORDERING MODEL	ENVIRONMENTAL MODEL	OPERATING RANGE
IPM-521-ST-32-1T	Standard-temperature appliance	0 to 50 °C
IPM-521-XT-32-1T	Extended-temperature appliance	-40 to 70 °C

Product information and sales | IMRON Corporation | 104 Discovery, Irvine, CA 92618 | (877) OK-IMRON | [IMRON.com](https://www.imron.com)

Use only on networks for which the operator has explicit authorization. Hardware marks and ratings depend on the final configuration and destination market and must be verified during submittal. Hardware certifications do not imply certification of IPMeter software or site compliance. Reference basis: NIST SP 800-82 Rev. 3; CISA Cross-Sector Cybersecurity Performance Goals; ISA/IEC 62443 concepts; RFC 5424/5425 and RFC 3414/3415.