

ELERA® Loss Prevention Technical Specifications

CAMERA HARDWARE	
MINIMUM HARDWARE REQUIREMENTS	
Camera	TCx® EDGEcam+
Processor	Qualcomm QRB5165 -1x ARM Cortex-A77 @2.84GHz -3x ARM Cortex-A77 @2.4GHz -4x ARM Cortex-A55 @1.8GHz -Neural Processing Unit (NPU230) -Adreno 650 GPU
Storage	-128GB UFS (non-removable); >150TBW Endurance -64GB MicroSD card; non-removable; accessible internally; 1GB/day workload, minimum write speed of 40MB/s
LED Status Indicator	-Solid Blue – Powered and running correctly. -Blue blip (0.25 sec on, 1.75 sec off) – Powered, connected, but not running. -Blue blink (0.5 sec on, 0.5 sec off) – No network or USB connection -LED off – Boot error
Memory	8GB LPDDR5 (non-removable)
OTHER HARDWARE REQUIREMENTS	
Connectivity	Ethernet -PoE+ -USB-C (Ethernet Emulation) Power Source -PoE+ → POE+ network Switch -USB-C → SCO system unit's USB-C (PD) port
CHEC System Lane PC	System 6 or System 7 SCO Lanes -Previously Owned Lane PC Options (best listed first) -4900-786 with Intel Core i3-4330 processor and 8 GB RAM* -4900-785 with Intel Core i3-2120 processor and 8 GB RAM* -4900-786 with Intel Celeron G1820 processor and 8GB RAM* -4900-785 with Intel Celeron G540 processor and 8GB RAM* -Internal SSD New lane PCs -Minimum: TCx 767 or higher; Recommended: TCx 777 or higher -16 GB RAM or higher -Internal SSD

ELERA SELF-SERVICE LANES	<ul style="list-style-type: none"> -Processor: 2-core minimum, Intel® Core i3 or better -Memory: 8 GB minimum, 16 GB RAM recommended -Storage: 64 GB SSD
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MINIMUM SOFTWARE REQUIREMENTS

Operating Systems	<ul style="list-style-type: none"> -TCx Sky 1.2+ -A patch is needed for USB-C connectivity for versions prior to TCx Sky 1.3. SP2 -No additional OS update is required for PoE connected cameras. -Windows 10 2019 (base Sky and Windows requirement = CHEC or ESS requirements) -NTP time server
CHEC	<p>CHEC Lane 7.1 or 7.2 but note the Windows 7.2 multiple asset requirements</p> <ul style="list-style-type: none"> -Windows 10 CHEC <ul style="list-style-type: none"> > CHEC 7.2 required for multiple CHEC asset (MOM, PR, etc.) support if needed > CHEC 7.1 can be used if Loss Prevention is the only CHEC asset. Multiple assets may be feasible with work from PS or BP
MOM with CHEC	MOM 1.5+
CHEC Lane RMA	RMA V4R3 R006 or higher is required for Windows CHEC Lane with TCx EDGEcam+ connected with USB-C.
Proactive Availability Services Requirements	<ul style="list-style-type: none"> -RMA v4.4 R003 -REMS v1.5 (including Cloud Forwarder) -RSMP 2.2
ELERA Self-Service Lanes	Linux 64-bit Kernel Level 3.10+

* If ELERA Loss Prevention is installed with ELERA Produce Recognition, the minimum memory requirement is 12GB RAM.

NOTE: Enterprise Environment Configuration is only recommended for the lab environment (Non – Production). For production configuration, please reach out to ELERA Support team.

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