TOSHIBA

ELERA® Loss Prevention Technical Specifications

CAMERA HARDWARE REQUIREMENTS	
Camera	TCx® EDGEcam+ camera
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

Self-Checkout System Lane PC	- System 6 or System 7 SCO Lanes
	  - Previously Owned Lane PC Options (best listed first)
	    - 4900-786 and Intel Core i3-4330 processor and 8 GB RAM[1]
	    - 4900-785 and Intel Core i3-2120 processor and 8 GB RAM[1]
	    - 4900-786 with the Intel Celeron G1820 processor and 8 GB RAM[1]
	  - Internal SSD
	- New Lane PCs
	  - Minimum: TCx 767 or higher; Recommended: TCx 777 or higher
	  - 16 GB RAM or higher
	  - Internal SSD

SOFTWARE REQUIREMENTS	
Operating System	- TCx Sky 1.2+ (requires patch for USB networking support), - Windows 10 2019 (base Sky and Windows requirement = CHEC requirements) - NTP time server

CHEC	- CHEC Lane 7.1 or 7.2, but note the Windows 7.2 multiple asset requirements
	  - Windows 10 CHEC:
	    • 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

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	- RMA v4.4 R003 - REMS v1.5 (including Cloud Forwarder) - RSMP 2.2

[1] If ELERA Loss Prevention is installed with ELERA Produce Recognition, the minimum memory requirement is 12 GB RAM

TOGETHER COMMERCE