

VelocityKVM extenders are available in several form factors, from rack mount units, to compact chassis for use at the desktop. All chassis types are completely compatible, so users can mix-and-match to reduce the overall footprint of the design.

Fixed Chassis

Thinklogical's fixed, 1RU extenders offer advanced support for numerous video, audio and peripheral extension applications. Each unit is rack mountable and supports a single receiver or transmitter. As receivers are often co-located with users, Thinklogical utilizes exceptionally quiet fans, which only operate when the temperature of the unit begins to increase, to reduce noise and maximize workflow.

Modular Chassis

Thinklogical offers a variety of modular chassis for VelocityKVM systems. Thinklogical's modular systems allow users to create a flexible, custom, space-saving and easily scalable product. Choose from the resilient, rack mount chassis (housing up to two extenders per single rack unit) or from the more compact, space-saving design for use at the desktop. All modular chassis extenders offer a dry contact annunciator, providing an alarm warning for power failures or increased temperatures. For enhanced resiliency, each extender module is hot-swappable, complete with hot-swappable optical modules. As a system design evolves, easily convert a unit from multi-mode to single mode or swap the module to easily reconfigure a system to meet new requirements. Modular chassis includes fans to keep the system cool, and emit virtually no detectable sound to interfere with the local user.

Modular Chassis

Desktop Chassis

Space Saving at the Desktop

The compact design of the ½RU Desktop Chassis is ideal for use on or mounted below the desktop. The modular design is **configurable with a single Desktop transmitter or receiver module.**

Modular Extenders
enhance system



*flexibility,
customization,
scalability, and
space-savings.*

T-Series 4200 Chassis

Space Saving at the Rack & Desktop

The rack mountable T-4200 chassis is ideal for high density applications, where space may be limited. The 1RU, modular design is **configurable with up to two T-Series transmitter or receiver modules**, in any combination - as a dual transmitter, dual receiver or transceiver.

See also, Compact T-4200 Chassis in Specifications.

Redundant Power Supplies

The T-4200 and T-Q4200 Chassis are ideal for 24/7 environments, where minimal downtime is critical. The system is designed with redundant, current-sharing and hot-swappable power supplies. In the unlikely event that one power module fails, the second automatically fails over to power the unit with no delay or data loss. The failed module may be swapped out, without ever powering down the unit or interrupting operations. (Not available on Compact T-4200 Chassis)

T-Series Q-4200 Chassis

T- and Q-Series in a Single Chassis

The rack mountable T-Q4200 chassis offers increased flexibility, for systems utilizing both T-Series and Q-Series extender modules. The 1RU, modular design is **configurable with a single T-Series transmitter or receiver module and up to two Q-Series modules**, in any combination.



6.25G KVM EXTENSION

thinklogical®



Fixed Chassis



Desktop Chassis



T-Series Q-4200 Chassis



T-Series Compact Chassis



T-Series 4200 Chassis



Hot-Swappable Extender Modules



Specifications	Fixed	Desktop	Compact T-4200	T-4200	T-Q4200
Environmental	Operating Temperature: 0°C-50°C; Humidity: 5-95% RH, non-condensing				
Compliance	Approvals for United States of America, Canada, and European Union				
Warranty	One year · Extended warranties available for purchase				
Mounting Brackets	19" Rack Mounting Hardware Included Surface Mounting Hardware, order (2) ENC-001598-R	Surface Mounting Hardware Included 19" Rack Mounting Hardware, order (2) ENC-001541-R	19" Rack Mounting Hardware Included Surface Mounting Hardware, order (2) ENC-001598-R	19" Rack Mounting Hardware Included Surface Mounting Hardware, order (2) ENC-001598-R	19" Rack Mounting Hardware Included Surface Mounting Hardware, order (2) ENC-001598-R
Power Consumption	25-35 Watts, See extender	1 Watt (16 Watts Loaded)	1 Watt (31 Watts Loaded)	1 Watt (31 Watts Loaded)	5 Watt (40 Watts Loaded)
Supply Voltage	Universal AC Power Supply, 100-240VAC, 47-63Hz (1)			Universal AC Power Supply, 100-240VAC, 47-63Hz (2)	
Weight	8.50lbs (3.86kg)	3.00lbs (1.36kg) 4.00lbs (1.81kg) Loaded	7.00lbs (3.18kg) 9.00lbs (4.08kg) Loaded	8.00lbs (3.63kg) 10.00lbs (4.54kg) Loaded	8.00lbs (3.63kg) 10.00lbs (4.54kg) Loaded
Dimensions					
Rack Size (w/ mounting hardware)	EIA 19" (483.36mm)	11.98" (304.29mm)	EIA 19" (483.36mm)	EIA 19" (483.36mm)	EIA 19" (483.36mm)
Width (w/o mounting hardware)	17.49" (444.25mm)	10.74" (272.80mm)	17.49" (444.25mm)	17.49" (444.25mm)	17.49" (444.25mm)
Height	1RU · 1.72" (43.69mm)				
Depth	14.94" (379.53mm)	11.52" (292.61mm)	8.91" (226.31mm)	15.56" (395.22mm)	15.56" (395.22mm)
Tolerance	± 0.039" (1.00mm)				
Connectors					
Software Updates	See Extender Data Sheet	See Extender Module	See Extender Module	See Extender Module	See Extender Module
Cables Included					
	AC Power Cable (1)	AC Power Cable (1)	AC Power Cable (1)	AC Power Cable (2)	AC Power Cable (2)

For use with Desktop Modules, T-Series Modules and Q-Series Modules.

Modules will not operate without a chassis.

Ordering Information

Part Number	VED-000001	VCS-004200	VTS-004200	VTS-Q04200
Description	Fixed Extenders do not require an additional chassis, see Ordering Information on corresponding extender data sheet. Desktop Modular Chassis Configure with a single Desktop Module	T-Series Compact 4200 Modular Chassis Configure with up to two T-Series Compact 4 Modules	T-Series 4200 Modular Chassis Configure with up to two T-Series Modules Redundant power supplies	T-Series Q-4200 Modular Chassis Configure with a single T-Series Module and up to two Q-Series Modules Redundant power supplies

TLX extenders are available in several form factors, from rack mount units, to compact chassis for use at the desktop. All chassis types are completely compatible, so users can mix-and-match to reduce the overall footprint of the design.

Fixed Chassis (CATx)

Thinklogical's CATx fixed extenders offer advanced support for numerous video, audio and peripheral extension applications. Each unit is equipped with mounting ears and supports a single receiver or transmitter. As receivers are often co-located with users, Thinklogical utilizes exceptionally quiet fans, which only operate when the temperature of the unit begins to increase, to reduce noise and maximize workflow.

Modular Chassis (Fiber)

Thinklogical offers a variety of modular chassis for TLX fiber systems. Thinklogical's modular systems allow users to create a flexible, custom, space-saving and easily scalable product. Choose from the resilient, rack mount chassis, housing up to four extenders per single rack unit, or from a more compact design, to save space at the desktop or when mounting to a wall. For enhanced resiliency, each extender module is hot-swappable, complete with hot-swappable optical modules. As a system design evolves easily convert a unit from multi-mode to single mode or swap the module to easily reconfigure a system to meet new requirements. Modules include fans to keep the system cool and emit virtually no detectable sound to interfere with the local user.

Modular Chassis

Modular Chassis 1

Space Saving at the Desktop & Wall

The compact design of the ¼RU Modular Chassis 1 is ideal for use on or mounted below the desktop, or for wall mounting applications. The modular design is **configurable with a single TLX Video transmitter or receiver module** and offers an internal power supply.

Modular Extenders

enhance system



flexibility, customization, scalability, and space-savings.

Modular Chassis 2

Space Saving at the Desktop & Wall

The ½RU Modular Chassis 2 is **configurable with a single TLX KVM or up to two TLX Video transmitter or receiver modules** and offers an internal power supply.

Redundant Power Supplies

The Modular Chassis 4 is ideal for 24/7 environments, where minimal downtime is critical. The system is designed with redundant, current-sharing and hot-swappable power supplies. In the unlikely event that one power module fails, the second assumes the full load to power the unit with no delay or data loss. The failed module may be swapped out, without ever powering down the unit or interrupting operations.

Modular Chassis 4

Space Saving at the Desktop & Rack

The rack mountable Module Chassis 4 is ideal for high density applications, where space may be limited. The 1RU, modular design is **configurable with up to two TLX KVM or up to four TLX Video transmitter or receiver modules**. Chassis may also be configured with a single TLX KVM and up to two TLX Video transmitter or receiver modules and offers redundant and hot-swappable internal power supplies.





Fixed Chassis



MODULAR CHASSIS 1



MODULAR CHASSIS 4



T-Series Q-4200 Chassis



MODULAR CHASSIS 2



Hot-Swappable Extender Modules



Specifications	Fixed	CHS-1	CHS-2	CHS-4
Environmental	Operating Temperature: 0°C-50°C; Humidity: 5-95% RH, non-condensing			
Compliance	Approvals for United States of America, Canada, and European Union			
Warranty	12 months from date of shipment · Extended warranties available for purchase			
Mounting Brackets	Surface Mounting Brackets Included Call for Rack Mounting Brackets and Chassis	Surface Mounting Brackets Included Call for Rack Mounting Brackets and Chassis	Surface Mounting Brackets Included 19" Rack Mounting Hardware, order (2) ENC-001541-R	19" Rack Mounting Brackets Included Surface Mounting Hardware, order (2) ENC-001598-R
Power Consumption	30 Watts	0 Watts (20 Watts Loaded)	5 Watts (45 Watts Loaded)	10 Watts(90 Watts Loaded)
Supply Voltage	See Extender Specifications	Universal AC Power Supply, 100-240VAC, 47-63Hz (1)		Universal AC Power Supply, 100-240VAC, 47-63Hz (2)
Weight	Weights vary dependent on extender, see extender spec	1.00lb (0.45kg) 1.50lbs (0.68kg) Loaded	3.00lbs (1.36kg) 4.00lbs (1.81kg) Loaded	10.00lbs (4.54kg) 12.00lbs (5.44kg) Loaded
Dimensions				
Rack Size (w/ mounting hardware)	Dimensions vary dependent on the extender, please see extender data sheet.	5.48" (139.17mm)	11.98" (304.24mm)	EIA 19" (483.36mm)
Width (w/o mounting hardware)		4.31" (109.50mm)	10.74" (272.75mm)	17.49" (444.25mm)
Height		1RU · 1.72" (43.69mm)	1RU · 1.72" (43.69mm)	1RU · 1.72" (43.69mm)
Depth		11.44" (290.64mm)	11.11" (282.27mm)	14.62" (371.37mm)
Tolerance		± 0.039" (1.00mm)	± 0.039" (1.00mm)	± 0.039" (1.00mm)
Connectors				
Software Updates	See Extender Data Sheet	See Extender Module	USB B (1)	USB B (1)
Cables Included				
	TBD	AC Power Cable (1)	AC Power Cable (1)	AC Power Cable (2)

For use with TLX Modules.
Modules will not operate without a chassis.

Ordering Information

Part Number		CHS-000001	CHS-000002	CHS-000004
Description	Fixed Extenders do not require an additional chassis, see Ordering Information.	Modular Chassis 1 Configure with a single TLX Video Module	Modular Chassis 2 Configure with a single TLX KVM Module or up to two TLX Video Modules	Modular Chassis 4 Configure with up to two TLX KVM Modules or up to four TLX Video Modules Redundant & hot-swappable power supplies