

Comparison Guide: Industrial-Grade vs Consumer-Grade LCD Monitors

	TRU-Vu INDUSTRIAL GRADE	CONSUMER GRADE
DURABILITY / RELIABILITY	<ul style="list-style-type: none"> - Designed for harsh, demanding environments, including industrial, military, medical, marine, and more - Built for 24/7/365 operation - High resistance to shock and vibration - Operating temperatures from -40° to +185°F - Enclosures: Rugged ABS, powder coated steel, stainless steel, and NEMA / IP-rated waterproof/dust-proof 	<ul style="list-style-type: none"> - Designed for desktop operation in a clean office or home - Built to operate 6-8 hours per day - No shock/vibration resistance - Suited for climate-controlled environments only - Predominantly lower-grade plastic housings
PRODUCT QUALITY	<ul style="list-style-type: none"> - High quality, industrial-grade components for long-term dependability - Highest grade LCD Panels to ensure optimal image quality - Long operating life (7-10 years typ.) 	<ul style="list-style-type: none"> - Low-cost components for mass production of low-cost monitors - Low to mid-grade LCD panels - 3-5 years typical useful life
PRODUCT LIFE CYCLE	<ul style="list-style-type: none"> - Long-term model availability (avg. 5-7years), crucial to OEM's 	<ul style="list-style-type: none"> - Models change often, on average every 6-12 months
APPLICATIONS	<ul style="list-style-type: none"> - Industrial and manufacturing, military, law enforcement, medical carts, heavy equipment, kiosks, marine, telemedicine, digital signage, OEM medical equipment, oil and gas, sports stadiums, mass transit, pipeline inspection, amusement parks, training simulators, drones, mobile/portable systems, automated inspection, and more. 	<ul style="list-style-type: none"> - For home or office use
AVAILABLE CONFIGURATIONS	<ul style="list-style-type: none"> - Available in standard, touch screen, sunlight readable, waterproof, panel-mount, open frame, optically bonded, medical and other configurations 	<ul style="list-style-type: none"> - Standard configuration only for home or office use
CUSTOM DESIGNS	<ul style="list-style-type: none"> - Can be modified or customized to meet your exact specifications 	<ul style="list-style-type: none"> - Not Available
PRIVATE LABEL	<ul style="list-style-type: none"> - Can be private-labeled with your company name, logo and unique model number 	<ul style="list-style-type: none"> - Not Available

Comparison Guide: Industrial-Grade vs Consumer-Grade LCD Monitors

	TRU-Vu INDUSTRIAL GRADE	RETAIL/CONSUMER GRADE
SCREEN ASPECT RATIO	<ul style="list-style-type: none"> - 4:3 Aspect Ratio models from 8" - 19" - 16:9 Aspect Ratio models from 7" - 86" 	<ul style="list-style-type: none"> - Very Limited 4:3 Aspect Ratio models - Limited 16:9 models in smaller sizes
SCREEN BRIGHTNESS	<ul style="list-style-type: none"> - Screen brightness from 250 nits for indoors, to 2,500 nits for outdoor, direct-sunlight applications - Optical Bonding increases contrast ratio, improves image quality, and increases durability 	<ul style="list-style-type: none"> - Typical 150-250 nits brightness for indoor use - Not designed for brightly-lit environments or outdoors
LANDSCAPE vs PORTRAIT ORIENTATION	<ul style="list-style-type: none"> - Models available for landscape and portrait mode 	<ul style="list-style-type: none"> - Designed to operate in landscape mode
FEATURES AND EXTRAS	<ul style="list-style-type: none"> - Connectivity: Includes HDMI, DVI, HD-SDI, DisplayPort, VGA, Composite BNC, S-Video, BNC Loop-Thru, Coax, USB, RS-232 - Screen glass: Matte, Anti-Glare, Anti-Reflective, Vandal-Resistant and Gorilla-Glass - Dual diagnostic LED's indicate receiving video signal, no video signal, or sleep mode. - Front Panel Lock-Out: OSD buttons can be locked to prevent unwanted tampering - Auto Re-Start After Power Loss: Once power is restored to a display, it will automatically resume the same operation as prior to power loss 	<ul style="list-style-type: none"> - Typically limited to HDMI and Coax - Standard glass, often with glossy finish - Single LED for power on or off only - No front panel or button lock-out - After power loss, must power up every display manually

Comparison Guide: Industrial-Grade vs Consumer-Grade LCD Monitors

	TRU-Vu INDUSTRIAL GRADE	RETAIL/CONSUMER GRADE
POWER OPTIONS	- Available for 12VDC, 24VDC , 9-36VDC and 90-240VAC operation	- Available for 120VAC only
MOUNTING OPTIONS	- Offer standard VESA mount holes, panel mount , open frame , ceiling mount , rack mount and wall mount options	- Many consumer-grade models are not VESA compliant, and may require special optional mounting brackets
DEMO UNITS	- Demo units available for evaluation	- Not Available
INITIAL vs LONG-TERM COST	- Cost is a big part of the purchase decision; industrial displays cost more up-front, but their higher performance, reliability and longevity justify a higher initial investment	- Lower initial cost. However, they will not endure industrial, mobile, bright, wet or other demanding environments
TECH SUPPORT	- Tech support, troubleshooting and repair from technicians with 10+ years experience, based in Illinois	- Replies from non-technical salesperson or overseas call centers who have minimal product training or experience
WARRANTY	- Standard 3 Year Warranty	- Typical 6 to 12 month warranty. Commercial or industrial use usually voids the warranty
SERVICE	- Service (if necessary) in Illinois with average 2 day turn around	- Return to store, and then wait....