



# Keyboard Reference





Display Integration Technologies

.com

THE WORLDS MOST CONFIGURABLE MONITORS



A2 Series: 88 key keyboard with 14mm cherry optical trackball with 2 buttons			
Keyboard	Available Platforms	Available Interfaces	
A2u (USB)	RD1U-CAT Series	USB 	 \$\$
Note	RD1U-F Series		
Cherry optical Trackball	RDKB Series		
	RD3U/RD4U Series		
	RD2U-S Series		
Features		Additional Information	Agency Approvals
Grade: Industrial Keys: 88 Key Life: 20 Million Cycles Pointer: 14mm TB w/ 2 Buttons TB Life: >80km, buttons > 3M Operations MTBF: 8.6 Million Hrs	Operating Temp: 0°C to 50°C Storage Temp: -20°C to +65°C	<ul style="list-style-type: none"> <li>- Optical (400dpi) trackball</li> <li>- Mechanical keys with gold cross point contacts for high-precision key action</li> <li>- Programmable keys</li> <li>- Fast switch-over to numeric block via Fn key</li> <li>- Multiple language support available</li> </ul>	CE, VDE, cURus, FCC, VCCI, C-Tick, BSMI, WHQL, WEEE, RoHS
<b>Compatibility: Windows, Linux, Mac, Unix, Sun</b>			



The B2 is a 103 key keyboard with Cirque glidepad			
Keyboard	Available Platforms	Available Interfaces	
B2u (USB)	RD1U CAT Series	USB, 	 \$
Note			
TG3 103 Key Keyboard Cirque 2 Button Glide-Pad Optional CAC Card Reader			
Features		Additional Information	Agency Approvals
Grade: Industrial Keys: 103 Key Life: 5 Million Cycles Pointer: Cirque 2 Button Glide-Pad Interface: USB Operating Temp: 0°C to 50°C Storage Temp: -40°C to +60°C		<ul style="list-style-type: none"> <li>- Rubber blanket membrane scissor technology</li> <li>- Small measurements, Light weight,</li> <li>- high quality integrated Cirque Glide-pad allows for full mouse functionality</li> <li>- Optional CAC Card Reader</li> </ul>	



# Keyboard Reference





The B4 Keyboard is a 104 key ultra thin Cherry Keyboard with Cirque GlidePad			
Keyboard	Available Platforms	Available Interfaces	
B4 (PS/2 Legacy Only)	RD1U Series RD2U Series	USB, PS/2 	 \$\$
B4u (USB)			
Note			
Cherry Brand Keyboard Cirque Glide-Pad Optional CAC Card Reader			
Features		Additional Information	
Grade: Industrial Keys: 104 Key Life: >20 Million operations Interface: PS/2 or USB MTBF: >11.4 Million Hrs Operating Temp: 0°C to 50°C Storage Temp: -20°C to +65°C		-Single keys with Gold Crosspoint contacts for high accuracy -Full numeric keypad -Programmable keys -Ultra slim 88mm in height -Optional CAC Card Reader on RD1U Series	
		Agency Approvals CE, VDE, cURus, FCC, VCCI, C-Tick BSMI, WHQL, WEEE, RoHS	



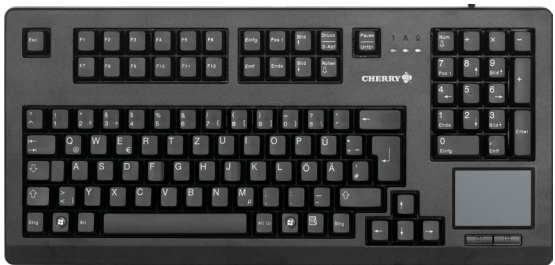
H Series: Ruggedized industrial silicone rubber keyboard with Hula Point			
The H series is a ruggedized industrial silicone 113 key keyboard with number pad and intergrated Hula Point pointing device			
Keyboard	Available Platforms	Available Interfaces	
H(PS/2)	RD1U Series RD2U Series RD3U Series RD4U Series RDKB Series	USB,PS/2 	 \$\$\$
Hu(USB)			
Note			
Industrial Rugged NEMA 4X w Intergrated Hula Point			
Features		Additional Information	
Grade: Industrial Rugged Keys: 113 Key Life: >10 Million Cycles Pointer: Pressure Sense Pointer w/ 3 Buttons Interface:PS/2 or USB Operating Temp: -20 to 60c Shock: 50G Peak, 11msec duration, 3 axis		- Industrial 113 Key Keyboard - Integrated Hula Point pointing device - Comes with 20 Function Keys, - 10-Key Number pad - Made of industrial silicone rubber	
Storage Temp: -40° C to 85° C Vibration: POWER SPECTRAL DENSITY: 0.04g2/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION Of TEST PER AXIS: 3 hour		Agency Approvals NEMA 4X UL60950 FCC Part 15 Class B	
Compatibility: Windows, Macintosh, SUN			



# Keyboard Reference



I2 Series: Enhanced Slim Design Keyboard with Intergrated Touch Pad			
The I2 Series is a 82 Key Keyboard w/ Intergrated 2 button Glide-Pad			
Keyboard	Available Platforms	Available Interfaces	
I2u (USB)	RD1U-CAT Series RD1U-F Series RDKB Series RD3U Series RD4U Series RD2U-S Series	USB 	 \$
Note			
Industrial 2 Button Glide-Pad			
Features		Additional Information	
Grade: Industrial Keys: 82 Key Stroke Life: 5 Million Pointer: 2 Button Track pad TB Button Life: > 3 Million Operations Interface: USB MTBF: 8.8 Million Hours Operating Temp: 0°C to 50°C Storage Temp: -40°C to +60°C		-Rubber blanket membrane technology - Small measurements - Light Weight - Optional CAC Card on RD1U Series	
Compatibility: Windows, Mac, SUN, Linux			

T Series: Cherry Compact Keyboard with Built in touchpad				
The T series provides precise, easy-to-operate touchpad. Cherry MX Keys				
Keyboard	Available Platforms	Available Interfaces		
T(PS/2)	RDKB Series RD2U Series RD3U Series RD4U Series	USB,  	 \$\$	
Tu(USB)				
Note				
Cherry MX Mechanical Switches				
Features		Additional Information		Agency Approvals
Grade: Industrial Keys: 113 Key Life: >20 Million Cycle Pointer: 2 Button Touch-Pad Operating Temp: 32 °F - 122 °F Shock: TBD		The multifunctional TouchBoard is the perfect solution for limited spaces in situations requiring the functions of a 'mouse'.		BSMI CE cURus FCC VCCI VDE China RoHS UKCA ICES-003 (Canada)
Compatibility: Windows				







# Keyboard Reference

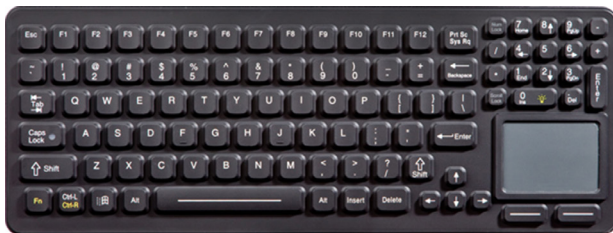



Display Integration Technologies

.com

THE WORLDS MOST CONFIGURABLE MONITORS

O Series: Industrial Grade Cherry Keyboard with Glidepad				\$\$\$
The O series is an industrial grade 88 key Cherry Keyboard with glidepad				
Keyboard	Available Platforms	Available Interfaces		
Ou(USB)	RD1U-CAT Series	USB 		
Note	RD1U-F Series			
Cherry Keyboard W/ Glidpad	RDKB Series			
	RD2U Series			
	RD3U Series			
	RD4U Series			
Features			Additional Information	Agency Approvals
Grade: Industrial Keys: 88 Key Life: >20 Million Cycles Pointer: Touchpad (1000dpi) w/ 2 Buttons Touchpad Life: > 10 Million Finger strokes Interface: USB MTBF: >4.9 Million Hours Operating Temp: 0°C to 60°C Storage Temp: -40°C to +65°C			<ul style="list-style-type: none"> <li>- Mechanical Keys with gold cross point contacts for high precision key action</li> <li>- Programmable Keys</li> <li>- Fast switch over to numeric block via Fn Key</li> <li>- Multiple language Support available</li> <li>- Ultra slim 18mm height</li> </ul>	CE, VDE, cURus FCC, VCCI, C-Tick BSMI, WHQL, WEEE RoHS
Compatibility: Windows, Linux, Mac, Sun				

Q Series: NEMA 4 Sealed Keyboard Series with Glidepad				\$\$\$
The Q series is a NEMA 4 Sealed 97 key keyboard that has an intergrated 2 button glidepad with option for backlit keys				
Keyboard	Available Platforms	Available Interfaces		
Qu(USB)	RD1U-CAT Series	USB 		
QBu (Backlit USB)	RD1U-F Series			
Note	RD3U Series			
NEMA 4 Keyboard W/ Glidpad Optional Backlight	RD4U Series			
	RDKB Series			
	RD2U-S Series			
Features			Additional Information	Agency Approvals
Grade: Rugged Keys: 97 Key Life: >10 Million Cycles Pointer: Touchpad w/ 2 Buttons Interface: USB Operating Temp: -40°C to 70°C Storage Temp: -40°C to +90°C Shock: 3x11ms pulses of 50g on each of axes Vibration: POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours			Made of industrial silicone rubber this is a full-sized keyboard with added convenience of a built-in touch pad It's fully sealed NEMA 4X standards to be resistant to dirt, debris and water making it ideal for a harsh environment. Optional Red Backlit keyboard for low light environments on QBu model	CE, FCC, ROHS, NEMA 4X
Compatibility: Windows, Linex, MAC				





# Keyboard Reference



### MIX AND MATCH SERIES

With our mix and match series you can pick a keyboard and pointer to fit your needs.

The R Keyboard is a 104 key ultra thin Cherry Keyboard

Keyboard	Available Platforms	Available Interfaces		\$\$
<b>RXu (USB)</b>	RDKB Series RD2U Series RD3U Series RD4U Series	USB 		
<b>Note</b>				
<b>104 Key</b> Cherry Brand Keyboard Choice of Pointing Device				
Features			Additional Information	Agency Approvals
Grade: Industrial Keys: 104 Key Life: >20 Million operations Interface: USB MTBF >11.4 Million Hrs Operating Temp: 0°C to 50°C Storage Temp: -20°C to +65°C			-Single keys with Gold Crosspoint contacts for high accuracy -Full numeric keypad -Programmable keys -Ultra slim 88mm in height -	CE, VDE, cURus, FCC, VCCI, C-Tick BSMI, WHQL, WEEE, RoHS

The V Keyboard is an 103 light weight TG3 Keyboard

Keyboard	Available Platforms	Available Interfaces		\$
<b>Vu(USB)</b>	RDKB Series RD2U Series RD3U Series RD4U Series	USB 		
<b>Note</b>				
<b>103 Key</b> TG3 Brand Keyboard Choice of Pointing Device				
Features			Additional Information	Agency Approvals
Grade: Industrial Keys: 103 Key Life: 5 Million Cycles Interface: USB Operating Temp: 0°C to 50°C Storage Temp: -40°C to +60°C			-Rubber blanket membrane scissor technology -Small measurements -Light weight -USB interface	

1: Full Size Optical Cherry Mouse



2: Cirque Glidepoint Trackpad



3: Logitech Wireless Mouse








# Keyboard Reference



Display Integration Technologies .com  
**THE WORLDS MOST CONFIGURABLE MONITORS**

## MIL SPEC SERIES

<b>M: Series Military - Industrial Grade Keyboard</b>			
The M series is Entry Level MIL/Industrial Grade 119 key keyboard with high quality 3 button touch pad			
<b>Keyboard</b>	<b>Available Platforms</b>	<b>Available Interfaces</b>	 <p>\$\$\$</p>
Mu (USB)	MR Series MR2 Series RDKB Series RD3U Series RD4U Series	USB 	
<b>Note</b>			
<b>Industrial Light Military optional CAC Card Reader</b>			
<b>Features</b>		<b>Additional Information</b>	
Grade: Industrial Keys: 119 Operating Temp: 0°C to 50°C Storage Temp: -20°C to +65°C Key Life: 50 Million Cycles Pointer: Touchpad w/ 3 Buttons Interface: USB or Sun Serial		- Sun Microsystems keyboard - 119 key US or UK layout and a high quality touch pad. - Optional CAC Card Reader on MR Series	
<b>Compatibility: Windows, SUN</b>			

<b>M1 Series: Thin, rugged military-grade keyboard with touchpad and FSR</b>			
The M1 series is a ruggedized 87-key keyboard with Optional NVIS Green B backlighting			
<b>Keyboard</b>	<b>Available Platforms</b>	<b>Available Interfaces</b>	 <p>\$\$\$\$</p>
M1 (PS/2)	MR Series	USB, PS/2  	
M1u (USB)			
<b>Note</b>			
<b>Military Rugged NEMA 4X w Integrated 2 button Glide Pad &amp; FSR Pointing NUB</b>			
<b>Features</b>		<b>Additional Information</b>	
Grade: MIL Rugged Keys: 87 Pointer: dual pointing devices - Integrated FSR pointing device - Two Button track-pad Operating Temp: -32 to 60c Humidity: 100% (when properly installed) Shock: 50G Peak 11msec Duration, 3 axis		Storage Temp: -40° C to 85° C Designed to meet MIL-STD-461G Specifications Vibration: POWER SPECTRAL DENSITY: 0.04g2/ Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION Of TEST PER AXIS: 3 hour	
		- Designed to meet MIL-461G standards, excellent performance for conducted and radiated emissions, including 50 volts/meter. - Design to Meet MIL-STD-810F, and is resistant to sand, debris and liquids. - The keyboard also has adjustable green LED backlighting - Optional NVIS Green B.	
<b>Compatibility: Can be used with most OS Std Drivers</b>			
		<b>Agency Approvals</b>	
		NEMA 4X UL60950 FCC Part 15 Class B	







# Keyboard Reference



## MIL SPEC SERIES

M2 Series: Thin Military OEM Keyboard			
The M2 series integrated FSR pointing device and adjustable green LED backlighting, with optional NVIS Green B			
Keyboard	Available Platforms	Available Interfaces	 <p>\$\$\$</p>
M2 (PS/2)	MR Series MR2 Series RDKB Series RD3U Series RD4U Series	USB, PS/2	
M2u (USB)			
Note			
Military Rugged NEMA 4X w Integrated 2 Button FSR Optional NVIS			
Features		Additional Information	Agency Approvals
Grade: MIL Rugged Keys: 87 Key Life :>10 Million Cycles Operating Temp: -40C to +60C Humidity: 100% (when properly installed) Shock: 50G Peak 11msec Duration, 3 axis	Storage Temp: -40° C to 90° C Designed to meet MIL-STD-461G Specifications Vibration: POWER SPECTRAL DENSITY: 0.04g2/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours	-Integrated FSR pointing device -Optional NVIS Compliant – Green B backlighting Note: Backlight controlled by external PWM signal -Excellent performance for conducted and radiated emissions, including RS103 and 200 volts/meter	NEMA 4X UL60950, FCC Part 15 Class B
Compatibility: Can be used with most OS Std Drivers			



M3 Series: Backlit Mobile Keyboard with Force Sensing Resistor			
The M3 series provides fullsize versatility in a rugged, compact design			
Keyboard	Available Platforms	Available Interfaces	 <p>\$\$\$</p>
M3(PS/2)	MR Series MR2 Series RDKB Series RD3U Series RD4U Series	USB, PS/2	
M3u(USB)			
Note			
Military Rugged NEMA 4X w Integrated 3 button FSR			
Features		Additional Information	Agency Approvals
Grade: MIL Rugged Keys: 102 Key Life: >10 Million Cycles Pointer: Pressure Sense Pointer w/ 3 Buttons Interface: AT/Serial, PS/2 or USB Operating Temp: -40C to +70C Shock: 50G Peak, 11msec duration, 3 axis	Storage Temp: -40° C to 90° C Designed to meet MIL-STD-461G Specifications Vibration: POWER SPECTRAL DENSITY: 0.04g2/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours	-12 Function Keys, -Integrated Force Sensing Resistor Pointing Device -USB and PS/2 configurations available -MS Windows Function Keys, -Resistant to sand, debris and the elements. The -large numeric pad on this model allows for easy data entry	NEMA 4X, UL60950, FCC Part 15 Class B
Compatibility: Windows, Mac, Linex			



# Keyboard Reference



## MIL SPEC SERIES

M7 Series: Panel Mount Keyboard with Trackball				
The M7 series Integrated 25mm Trackball with optional NVIS Green Back light				
Keyboard	Available Platforms	Available Interfaces	\$\$\$	
M7 (PS/2)	MR2 Series RDKB Series RD3U Series RD4U Series	USB, PS/2 		
M7u (USB)				
Note				
Military Rugged NEMA 4X w Integrated 3 button 25mm Trackball				
Features		Additional Information	Agency Approvals	
Grade: MIL Rugged Keys: 116 Pointer: Integrated Trackball Operating Temp: 0°C to +65°C Humidity: 100% (when properly installed) Shock: 50G Peak 11msec Duration, 3 axis		Storage Temp: -40° C to 85° C Designed to meet MIL-STD-461G Specifications Vibration: POWER SPECTRAL DENSITY: 0.04g2/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hour	10-Key Numeric Pad, 24 Function Keys, - 25mm Integrated Trackball with 3 buttons, -MS Windows™ Function Keys, -USB and PS/2 configurations available, -Optional NVIS Compliant – Green B backlighting -Optional CAC Card Reader on MR Series	NEMA 4X, UL UL60950, FCC Part 15 Class B
Compatibility: Can be used with most OS Std Drivers				

\* Dont See what you want? Not a Problem we have other keyboards to choose from or you can suggest one for us to design around. Contact sales@DITHD.com today or Better yet give us a call 760-599-9225.



Display Integration Technologies | The Worlds Most Configurable Monitors  
 1357 Rocky Point Drive, Oceanside CA 92056 | 760.599.9225 | www.DITHD.com

