



Performance Characteristics														
<b>Technology</b>	Area Imaging		Area Imaging		Linear Imaging		Linear Imaging		Linear Imaging		Linear Imaging			
<b>Print Contrast</b>	20% minimum reflective difference		20% minimum reflective difference		20% minimum reflective difference		20% minimum reflective difference		15% minimum reflective difference		15% minimum reflective difference			
<b>Minimum Resolution</b>	<b>SR Model</b> 4 mil Code 39 7 mil DM <b>HD Model</b> 3 mil Code 39 5 mil DM		<b>SR Model</b> 4 mil Code 39 7 mil DM <b>HD Model</b> 3 mil Code 39 5 mil DM		Typical 3 mil (Code 39, PCS 0.9)		Typical 3 mil (Code 39, PCS 0.9)		Typical 3 mil (Code 39, PCS 0.9)		Typical 3 mil (Code 39, PCS 0.9)			
<b>Working Distance</b>	<b>SR Model</b> 5 mil (0.13mm) C39      4~15 cm (1.5"~5.9") 13 mil (0.33mm) UPC/EAN      3~38 cm (1.1"~15.0") 10 mil (0.25mm) DM      3~15.5 cm (1.1"~6.1") <b>HD Model</b> 3 mil (0.07mm) C39      3~8 cm (1.1"~3.1") 5 mil (0.13mm) C39      3~11 cm (1.1"~4.3") 13 mil (0.33mm) UPC/EAN      2.5~16.5 cm (0.9"~6.4") 5 mil (0.13mm) DM      3.5~9 cm (1.3"~3.5") 10 mil (0.25mm) QR      3.5~8 cm (1.3"~3.1")		<b>SR Model</b> 5 mil (0.13mm) C39      4~15 cm (1.5"~5.9") 13 mil (0.33mm) UPC/EAN      3~38 cm (1.1"~15.0") 10 mil (0.25mm) DM      3~15.5 cm (1.1"~6.1") <b>HD Model</b> 3 mil (0.07mm) C39      3~8 cm (1.1"~3.1") 5 mil (0.13mm) C39      3~11 cm (1.1"~4.3") 13 mil (0.33mm) UPC/EAN      2.5~16.5 cm (0.9"~6.4") 5 mil (0.13mm) DM      3.5~9 cm (1.3"~3.5") 10 mil (0.25mm) QR      3.5~8 cm (1.3"~3.1")		Up to 24 inches on 100% UPC/EAN symbols Up to 34 inches on 20 mil Code 39		Up to 24 inches on 100% UPC/EAN symbols Up to 34 inches on 20 mil Code 39		Up to 24 inches on 100% UPC/EAN symbols Up to 32 inches on 20mil code 39		Up to 24 inches on 100% UPC/EAN symbols Up to 34 inches on 20 mil Code 39		Up to 19 inches on 100% UPC/EAN symbols Up to 27 inches on 20 mil Code 39	
<b>Light Source</b>	Aiming Pattern : 630nm LED Illumination : 630nm LED		Aiming Pattern : 630nm LED Illumination : 630nm LED		630nm visible red LED with laser aiming		630nm visible red LED with laser aiming		630nm visible red LED		630nm visible red LED			
<b>Operating Modes</b>	Trigger, Toggle, Force, Level, Diagnostic, Alternative, Low power, Presentation, Multiple read		Trigger, Toggle, Force, Level, Diagnostic, Alternative, Low power, Presentation, Multiple read		Toggle, Trigger, Force, Level, Flash, Diagnostic Alternative, Low power, Presentation		Toggle, Trigger, Force, Level, Flash, Diagnostic Alternative, Low power, Presentation		Toggle, Trigger, Force, Level, Flash, Diagnostic Alternative, Low power, Presentation		Toggle, Trigger, Force, Level, Flash, Diagnostic Alternative, Low power, Presentation			
<b>User Interfaces</b>	PC/AT, PS/2 (DOS V) keyboard wedge PC/AT, PS/2 (DOS V) keyboard direct link TTL RS232 serial USB HID (USB Keyboard) USB COM port emulation		PC/AT, PS/2 (DOS V) keyboard wedge PC/AT, PS/2 (DOS V) keyboard direct link TTL RS232 serial USB HID (USB Keyboard) USB COM port emulation		3 LEDs for power, good read and status indications Programmable beeper Optional vibrator		3 LEDs for power, good read and status indications Programmable beeper Optional vibrator		3 LEDs for power, good read and status indications Programmable beeper Optional vibrator		3 LEDs for power, good read and status indications Programmable beeper Optional vibrator			

Supported Symbolologies												
	1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite, 2D		1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite, 2D		L780 : 1D, Linear-stacked		L780 HC : 1D, Linear-stacked		L680 : 1D, Linear-stacked		F790 : 1D, Linear-stacked	
					L788 : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite		L788 HC : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite		L688 : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite		F798 : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	
											F780 : 1D, Linear-stacked	
											F780 HC : 1D, Linear-stacked	
											F680 : 1D, Linear-stacked	
											F560 : 1D, Linear-stacked	

User Environment												
<b>Drop Specifications</b>	Withstand multiple 1.8m/6ft. drops to concrete		Withstand multiple 1.8m/6ft. drops to concrete		Withstand multiple 1.8m/6ft. drops to concrete		Withstand multiple 1.8m/6ft. drops to concrete		Withstand multiple 1.5m/5ft. drops to concrete		Withstand multiple 1.5m/5ft. drops to concrete	
<b>Environmental Sealing</b>	IP41		IP41		IP41		IP41		IP41		IP41	
<b>Operating Temperature</b>	-10 °C to 50 °C (14 °F to 122 °F)		-10 °C to 50 °C (14 °F to 122 °F)		-10 °C to 50 °C (14 °F to 122 °F)		-10 °C to 50 °C (14 °F to 122 °F)		-10 °C to 50 °C (14 °F to 122 °F)		-10 °C to 50 °C (14 °F to 122 °F)	
<b>Storage Temperature</b>	-40 °C to 70 °C (-40 °F to 158 °F)		-40 °C to 70 °C (-40 °F to 158 °F)		-40 °C to 70 °C (-40 °F to 158 °F)		-40 °C to 70 °C (-40 °F to 158 °F)		-40 °C to 70 °C (-40 °F to 158 °F)		-40 °C to 70 °C (-40 °F to 158 °F)	
<b>Humidity</b>	5% to 95% related humidity, non-condensing		5% to 95% related humidity, non-condensing		5% to 95% related humidity, non-condensing		5% to 95% related humidity, non-condensing		5% to 95% related humidity, non-condensing		5% to 95% related humidity, non-condensing	
<b>Ambient Light Immunity</b>	0 ~ 100,000 lux		0 ~ 100,000 lux		0 ~ 100,000 lux		0 ~ 100,000 lux		0 ~ 100,000 lux		0 ~ 100,000 lux	
<b>Recommend cleaning solutions</b>			Gentle dish soap water or alcohol solvent				Gentle dish soap water or alcohol solvent				Gentle dish soap water or alcohol solvent	

Physical Characteristics												
<b>Dimension</b>	95.0 mm (L) x 70.5 mm (W) x 161.7 mm (D) 3.74 in. (L) x 2.77 in. (W) x 6.36 in. (D)		95.0 mm (L) x 70.5 mm (W) x 161.7 mm (D) 3.74 in. (L) x 2.77 in. (W) x 6.36 in. (D)		97.8 mm (L) x 70.5 mm (W) x 156.2 mm (D) 3.85 in. (L) x 2.77 in. (W) x 6.15 in. (D)		97.8 mm (L) x 70.5 mm (W) x 156.2 mm (D) 3.85 in. (L) x 2.77 in. (W) x 6.15 in. (D)		97.0 mm (L) x 65.0 mm (W) x 156 mm (D) 3.81 in. (L) x 2.55 in. (W) x 6.14 in. (D)		97.8 mm (L) x 70.5 mm (W) x 156.2 mm (D) 3.85 in. (L) x 2.77 in. (W) x 6.15 in. (D)	
<b>Weight</b>	152g (cable excluded)		152g (cable excluded)		157g (cable excluded)		157g (cable excluded)		125g (without cable)		157g (cable excluded)	
<b>Color</b>	Black		Plastic: Healthcare White Over-mold: Light Blue		Light Gray or Black		Plastic: Healthcare White Over-mold: Light Blue		Light Gray or Black		Plastic: Healthcare White Over-mold: Light Blue	
<b>Current</b>	Operating : Typical 285 mA @5VDC Standby : Typical 160 mA @5VDC		Operating : Typical 285 mA @5VDC Standby : Typical 160 mA @5VDC		Operating : Typical 190 mA @5VDC Standby : Typical 90 mA @5VDC		Operating : Typical 190 mA @5VDC Standby : Typical 90 mA @5VDC		Operating : Typical 190 mA @5VDC Standby : Typical 90 mA @5VDC		Operating : Typical 180 mA @5VDC Standby : Typical 80 mA @5VDC	