

	A770BT	A770BT HC	A670BT	L780BT	L780BT HC	L680BT	F790BT	F780BT	F790BT HC	F680BT	F790WD	L780WD	F780WD
													
Performance Characteristics													
Technology	Area Imaging	Area Imaging	Area Imaging	Linear Imaging	Linear Imaging	Linear Imaging	Linear Imaging	Linear Imaging	Linear Imaging	Linear Imaging	Linear Imaging	Laser Imaging	Linear Imaging
Print Contrast	20% minimum reflective difference	20% minimum reflective difference	20% minimum reflective difference	20% minimum reflective difference	20% minimum reflective difference	20% minimum reflective difference	10% minimum reflective difference	15% minimum reflective difference	15% minimum reflective difference	15% minimum reflective difference	10% minimum reflective difference	20% minimum reflective difference	15% minimum reflective difference
Minimum Resolution	SR Model 3.3 mil Code 39 7 mil DM HD Model 2.7 mil Code 39 5 mil DM	SR Model 3.3 mil Code 39 6.7 mil DM HD Model 2.7 mil Code 39 5 mil DM	MR Model 3.3 mil Code 39 6.7 mil DM HD Model 2.7 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)	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)	Typical 3 mil (Code 39, PCS 0.9)	Typical 3 mil (Code 39, PCS 0.9)
Working Distance	SR Model 5 mil (0.13mm) C39 13 mil (0.33mm) EAN 10 mil (0.25mm) DM HD Model 3 mil (0.076mm) C39 5 mil (0.13mm) C39 13 mil (0.33mm) EAN 5 mil (0.13mm) DM 10 mil (0.25mm) DM	SR Model 5 mil (0.13mm) C39 13 mil (0.33mm) EAN 10 mil (0.25mm) DM HD Model 3 mil (0.076mm) C39 5 mil (0.13mm) C39 13 mil (0.33mm) EAN 5 mil (0.13mm) DM 10 mil (0.25mm) DM	MR Model 5 mil (0.13mm) C39 13 mil (0.33mm) UPC/EAN 10 mil (0.25mm) DM HD Model 3 mil (0.076mm) C39 5 mil (0.13mm) C39 13 mil (0.33mm) EAN 5 mil (0.13mm) DM 10 mil (0.25mm) DM	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 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 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 34 inches on 20 mil Code 39	More than 24 inches on 100% UPC/EAN symbols	Up to 24 inches on 100% UPC/EAN symbols	Up to 24 inches on 100% UPC/EAN symbols
Light Source	Aiming Pattern : 630nm LED Illumination : 630nm LED	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 with laser aiming	630nm visible red LED	630nm visible red LED	630nm visible red LED	630nm visible red LED	630nm visible red LED	630nm visible red LED with laser aiming	630nm visible red LED
Operating Modes	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger	Trigger	Trigger
User Interfaces	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator	Blue link indicator and 2-color status indicator Programmable beeper Vibrator	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator	Blue link indicator and 2-color status indicator Programmable beeper Vibrator	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator	Blue link indicator and 2-color status indicator Programmable beeper Vibrator	2-inch QVGA color display with backlight 2 function keys, one 5-way navigation key Blue link indicator and 2-color status indicators Programmable beeper and vibrato	2-inch QVGA color display with backlight 2 function keys, one 5-way navigation key Blue link indicator and 2-color status indicators Programmable beeper and vibrato	2-inch QVGA color display with backlight 2 function keys, one 5-way navigation key Blue link indicator and 2-color status indicators Programmable beeper and vibrato
Supported Symbologies													
	1D Linear Codes, 2D Codes, Postal Codes	1D Linear Codes, 2D Codes, Postal Codes	1D Linear Codes, 2D Codes, Postal Codes	L780BT : 1D, Linear-stacked	L780BT HC : 1D, Linear-stacked	L680BT : 1D, Linear-stacked	F790BT : 1D, Linear-stacked	F780BT : 1D, Linear-stacked	F790BT HC : 1D, Linear-stacked	F680BT : 1D, Linear-stacked	F790WD : 1D, Linear-stacked	L780WD : 1D, Linear-stacked	F780WD : 1D, Linear-stacked
				L788BT : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	L788BT HC : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	L688BT : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	F798BT : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	F788BT : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	F788BT HC : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	F688BT : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	F798WD : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	L788WD : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite	F798WD : 1D, Linear-stacked, PDF417, Micro PDF417, Codablock, Composite
User Environment													
Drop Specifications	Withstand 10 drops at 2.0m / 6.6ft to concrete	Withstand 10 drops at 2.0m / 6.6ft to concrete	Withstand 10 drops at 2.0m / 6.6ft to concrete	Withstand 10 drops at 6.6ft / 2.0m to concrete	Withstand 10 drops at 6.6ft / 2.0m to concrete	Withstand 10 drops at 6.0ft / 1.8m to concrete	Withstand 10 drops at 6.6ft / 2.0m to concrete	Withstand 10 drops at 6.6ft / 2.0m to concrete	Withstand 10 drops at 6.6ft / 2.0m to concrete	Withstand 10 drops at 6.6ft / 2.0m 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
Environmental Sealing	IP41	IP41	IP41	IP42	IP42	IP42	IP42	IP42	IP42	IP42	IP42	IP42	IP42
Operating Temperature	-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)	-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)	-10˚C to 50˚C (14˚F to 122˚F)
Storage Temperature	-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)	-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)	-40˚C to 70˚C (-40˚F to 158˚F)
Humidity	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	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	5% to 95% related humidity, non-condensing
Ambient Light Immunity	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux	0 ~ 100,000 lux
Recommend cleaning solutions					Gentle dish soap water or alcohol solvent					Gentle dish soap water or alcohol solvent			
Physical Characteristics													
Dimension	95.0 mm (L) x 70.5 mm (W) x 161.7 mm (D) 3.74 in. (L) x 2.78 in. (W) x 6.37 in. (D)	95.0 mm (L) x 70.5 mm (W) x 161.7 mm (D) 3.74 in. (L) x 2.78 in. (W) x 6.37 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)	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)	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)	95.0 mm (L) x 70.5 mm (W) x 160.5 mm (D) 3.74 in. (L) x 2.78 in. (W) x 6.32 in. (D)	95.0 mm (L) x 70.5 mm (W) x 160.5 mm (D) 3.74 in. (L) x 2.78 in. (W) x 6.32 in. (D)	95.0 mm (L) x 70.5 mm (W) x 160.5 mm (D) 3.74 in. (L) x 2.78 in. (W) x 6.32 in. (D)
Weight	210g (battery included)	210g (battery included)	198g (battery included)	230g (battery included)	230g (battery included)	198g (battery included)	230g (battery included)	230g (battery included)	230g (battery included)	198g (battery included)	211g (battery included)	211g (battery included)	211g (battery included)
Color	Light Gray or Black	Plastic: Healthcare White Over-mold: Light Blue	Light Gray or Black	Light Gray or Black	Plastic: Healthcare White Over-mold: Light Blue	Light Gray or Black	Black	Light Gray or Black	Plastic: Healthcare White Over-mold: Light Blue	Light Gray or Black	Black	Black	Black
Communication Characteristics													
RF Standard	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	Bluetooth v4.0	IEEE 802.11 b/g/n	IEEE 802.11 b/g/n	IEEE 802.11 b/g/n
RF Frequency	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Band 2.402~2.4830 GHz unlicensed ISM band	Country dependant; Typical 2.4 to 2.5 GHz	Country dependant; Typical 2.4 to 2.5 GHz	Country dependant; Typical 2.4 to 2.5 GHz
Communication Range	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 100 meters in open space when working with smart cradle, line of sight	More than 150 meters in open space	More than 150 meters in open space	More than 150 meters in open space