OEM Specification Sheet

MS4717-LUxC0x (MS4717 w/cone)

The MS4717 Cone was designed to easily fit inside any kiosk and deliver the same aggressive scanning performance the MS4717 is known for. The mounting holes comply with the European Vending Association (EVA) specification, which drastically simplifies the integration process. The cone also allows for contact scanning at the exit window on most barcodes, meaning that the end user can place their barcode right up against our scratch-resistant exit window for easy decoding.
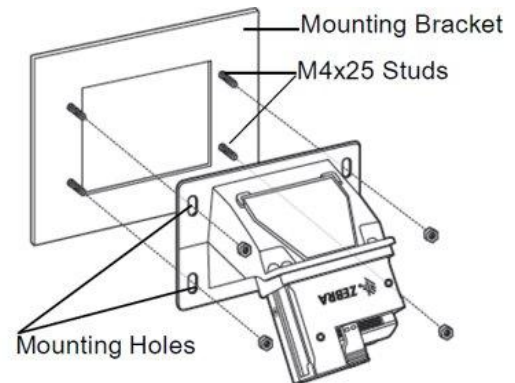
Physical Characteristics

Dimensions	105 mm H x 75.8 mm W x 102.5 mm D
Weight	182 g
Interface	Micro-USB on scanner side to USB on host side, USB Certified
Exit Window	73 mm L x 61 mm W x 1.5 mm D 1mm corner radius
Integration	4 forward-facing mounting holes EVA Compliant

User Environment

Ambient Light	Total darkness to 10,000 ft. candles, Max 107,369 lux (direct sunlight)
Operating Temp.	-20° C to 50° C
Storage Temp.	-30° C to 70° C
IP Sealing	Box Scanner: IP54 Cone: dust sealed
Humidity	Operating: 95% RH, non-condensing at 122° F / 50° C Storage: 85% RH, non-condensing at 158° F / 70° C
Power	Supply Voltage: 5 V ± 0.5 V Low Power/ Suspend Current Draw: 2.5 mA (max) Idle Current: 125 mA RMS (typical) Operating Current (scan/decode session): 265 mA RMS (typical) Peak Current: 480 mA

Performance Characteristics

Resolution	1280 x 800 pixels, rolling shutter
Field of View	H 42° x V 28°
Skew, Pitch & Roll	Skew Tolerance: ±60° Pitch Tolerance: ±60° Roll Tolerance: 360°
Aiming LED	Orange LED aiming dot (610nm)
Illumination	Red LED illumination (660nm)

Mounting bracket and studs are not included

CAD-file for mechanical integration available through your local OEM sales engineer

Decode Ranges – Expected

Barcode Type	Near Distance, typical	Far Distance, typical
5 mil Code 39	0 in / 0 cm	9.4 in / 23.9 cm
20 mil Code 39	0 in / 0 cm	19.2 in / 48.8 cm
5 mil Code 128	0 in / 0 cm	7.7 in / 19.6 cm
13 mil 100% UPC	0 in / 0 cm	17.2 in / 43.7 cm
10 mil Data Matrix	0 in / 0 cm	8.0 in / 20.3 cm
20 mil QR Code	0 in / 0 cm	13.6 in / 34.5 cm