



## 2016 Manual Series Product Brochure

The Elite Manual Pull-down series front projection screen is a great cost effective retractable screen with a dual case design for wall or ceiling installation.



# Manual Series

Scan for product



video

The Elite Manual Pull-down series front projection screen is a great cost effective retractable screen with a dual case design for wall or ceiling installation.

## Screen Material

- MaxWhite™ 1.1 Gain Screen Material is durable and easy to clean
- 180° wide viewing angle for commercial and residential presentations
- Black backed screen material eliminates light penetration for superior color reproduction
- Black masking enhances picture contrast

## Casing & Installation

- Durable metal casing
- Suitable for wall/ceiling installations
- Optional 6" & 12" brackets available

## Control System

- Auto-locking mechanism with variable height settings
- Manually operated (lanyard included)

## Warranty

- 2-year parts and labor
- 3-year warranty for ENR-G (Educational, Non-profit, Religious or Government/Military) - US only

## Certified

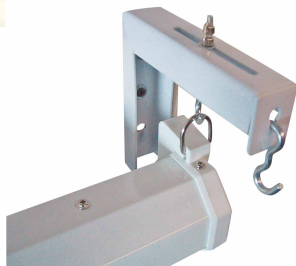
- GREENGUARD® and GREENGUARD® Gold Certified UL | 2818



Black-Backed Screen Material



Lanyard included



Optional 6" or 12" Brackets provide more flexibility with an installation.



Available in Black and White Casing Colors.

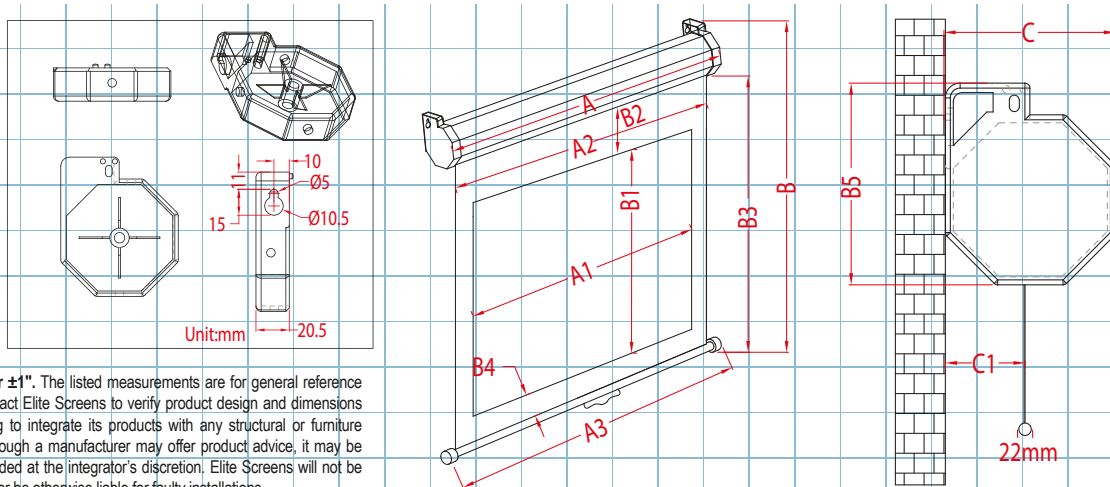
Manual Series

| Model        | Screen Diag. & Aspect Ratio | View Height (in) | View Width (in) | View Height (cm) | View Width (cm) | N.W. (lbs.) | G.W. (lbs.) | N.W. (Kgs) | G.W. (Kgs) | Packaging Dimensions (LxHxW) | Gain | Screen Material | Case Color |
|--------------|-----------------------------|------------------|-----------------|------------------|-----------------|-------------|-------------|------------|------------|------------------------------|------|-----------------|------------|
| M71UWS1      | 71"(1:1)                    | 50.0             | 50.0            | 127.0            | 127.0           | 10.1        | 12.6        | 4.6        | 5.7        | 59.1"x4.3"x4.7"              | 1.1  | MaxWhite™       | Black      |
| M71XWS1      | 71"(1:1)                    | 50.0             | 50.0            | 127.0            | 127.0           | 10.1        | 12.6        | 4.6        | 5.7        | 59.1"x4.3"x4.7"              | 1.1  | MaxWhite™       | White      |
| M85UWS1      | 85"(1:1)                    | 60.0             | 60.0            | 152.4            | 152.4           | 12.6        | 14.8        | 5.7        | 6.7        | 68.9"x4.3"x4.7"              | 1.1  | MaxWhite™       | Black      |
| M85XWS1      | 85"(1:1)                    | 60.0             | 60.0            | 152.4            | 152.4           | 12.6        | 14.8        | 5.7        | 6.7        | 68.9"x4.3"x4.8"              | 1.1  | MaxWhite™       | White      |
| M99NWS1      | 99"(1:1)                    | 70.0             | 70.0            | 177.8            | 177.8           | 16.7        | 19.2        | 7.6        | 8.7        | 80.3"x4.3"x4.7"              | 1.1  | MaxWhite™       | White      |
| M99UWS1      | 99"(1:1)                    | 70.0             | 70.0            | 177.8            | 177.8           | 16.7        | 19.2        | 7.6        | 8.7        | 80.3"x4.3"x4.7"              | 1.1  | MaxWhite™       | Black      |
| M113NWS1     | 113"(1:1)                   | 80.0             | 80.0            | 203.2            | 203.2           | 19.3        | 23.2        | 8.8        | 10.6       | 90.6"x5.5"x5.9"              | 1.1  | MaxWhite™       | White      |
| M113UWS1     | 113"(1:1)                   | 80.0             | 80.0            | 203.2            | 203.2           | 19.3        | 23.2        | 8.8        | 10.6       | 90.6"x5.5"x5.9"              | 1.1  | MaxWhite™       | Black      |
| M119UWS1     | 119"(1:1)                   | 84.0             | 84.0            | 213.4            | 213.4           | 20.9        | 24.5        | 9.5        | 11.1       | 94.5"x5.5"x5.9"              | 1.1  | MaxWhite™       | Black      |
| M119XWS1     | 119"(1:1)                   | 84.0             | 84.0            | 213.4            | 213.4           | 20.9        | 24.5        | 9.5        | 11.1       | 94.5"x5.5"x5.9"              | 1.1  | MaxWhite™       | White      |
| M136UWS1     | 136"(1:1)                   | 96.0             | 96.0            | 243.8            | 243.8           | 23.9        | 28.3        | 10.8       | 12.9       | 106.3"x5.5"x5.9"             | 1.1  | MaxWhite™       | Black      |
| M136XWS1     | 136"(1:1)                   | 96.0             | 96.0            | 243.8            | 243.8           | 23.9        | 28.3        | 10.8       | 12.9       | 106.3"x5.5"x5.9"             | 1.1  | MaxWhite™       | White      |
| M170XWS1     | 170"(1:1)                   | 120.0            | 120.0           | 304.8            | 304.8           | 35.7        | 42.3        | 16.2       | 19.2       | 130.7"x6.3"x6.7"             | 1.1  | MaxWhite™       | White      |
| M80NWW       | 80"(4:3)                    | 48.0             | 64.0            | 121.9            | 162.6           | 12.6        | 15.0        | 5.7        | 6.8        | 73.2"x4.7"x4.7"              | 1.1  | MaxWhite™       | White      |
| M84NWW       | 84"(4:3)                    | 50.3             | 67.0            | 127.8            | 170.2           | 12.8        | 15.9        | 5.8        | 7.2        | 76.4"x4.7"x4.7"              | 1.1  | MaxWhite™       | White      |
| M100NWW1     | 100"(4:3)                   | 60.0             | 80.0            | 152.4            | 203.2           | 16.5        | 19.0        | 7.5        | 8.6        | 88.2"x4.7"x5.1"              | 1.1  | MaxWhite™       | White      |
| M100UWW1     | 100"(4:3)                   | 60.0             | 80.0            | 152.4            | 203.2           | 16.5        | 19.0        | 7.5        | 8.6        | 88.2"x4.7"x5.1"              | 1.1  | MaxWhite™       | Black      |
| M120UWW2     | 120"(4:3)                   | 72.0             | 96.0            | 182.9            | 243.8           | 22.0        | 26.3        | 10.0       | 12.0       | 106.3"x5"x5"                 | 1.1  | MaxWhite™       | Black      |
| M120XWW2     | 120"(4:3)                   | 72.0             | 96.0            | 182.9            | 243.8           | 22.0        | 26.3        | 10.0       | 12.0       | 106.3"x5"x5"                 | 1.1  | MaxWhite™       | White      |
| M135UWW2     | 135"(4:3)                   | 81.0             | 108.0           | 205.7            | 274.3           | 31.2        | 36.7        | 14.2       | 16.7       | 119"x5.8"x6.3"               | 1.1  | MaxWhite™       | Black      |
| M135XWW2     | 135"(4:3)                   | 81.0             | 108.0           | 205.7            | 274.3           | 31.2        | 36.7        | 14.2       | 16.7       | 119"x5.8"x6.3"               | 1.1  | MaxWhite™       | White      |
| M150UWW2     | 150"(4:3)                   | 90.0             | 120.0           | 228.6            | 304.8           | 35.3        | 41.9        | 16.0       | 19.0       | 130.7"x5.9"x6.3"             | 1.1  | MaxWhite™       | Black      |
| M150XWW2     | 150"(4:3)                   | 90.0             | 120.0           | 228.6            | 304.8           | 35.3        | 41.9        | 16.0       | 19.0       | 130.7"x5.9"x6.3"             | 1.1  | MaxWhite™       | White      |
| M80UWH       | 80"(16:9)                   | 39.0             | 70.0            | 99.1             | 177.8           | 15.1        | 18.8        | 6.9        | 8.6        | 80"x5.5"x5.8"                | 1.1  | MaxWhite™       | Black      |
| M84UWH       | 84"(16:9)                   | 41.0             | 73.0            | 104.1            | 185.4           | 13.7        | 16.8        | 6.2        | 7.6        | 82"x4.5"x5"                  | 1.1  | MaxWhite™       | Black      |
| M84UWH-E30   | 84"(16:9)                   | 41.0             | 73.0            | 104.1            | 185.4           | 15.3        | 18.0        | 7.0        | 8.2        | 82"x4.5"x5"                  | 1.1  | MaxWhite™       | Black      |
| M84XWH-E30   | 84"(16:9)                   | 41.0             | 73.0            | 104.1            | 185.4           | 15.3        | 18.0        | 7.0        | 8.2        | 82"x4.5"x5"                  | 1.1  | MaxWhite™       | White      |
| M92UWH       | 92"(16:9)                   | 45.1             | 80.2            | 114.6            | 203.7           | 15.4        | 17.6        | 7.0        | 8.0        | 88.3"x4.5"x5"                | 1.1  | MaxWhite™       | Black      |
| M100UWH      | 100"(16:9)                  | 49.0             | 87.0            | 124.5            | 221.0           | 19.8        | 22.7        | 9.0        | 10.3       | 97.5"x5.5"x5.5"              | 1.1  | MaxWhite™       | Black      |
| M100XWH      | 100"(16:9)                  | 49.0             | 87.0            | 124.5            | 221.0           | 19.8        | 22.7        | 9.0        | 10.3       | 97.5"x5.5"x5.5"              | 1.1  | MaxWhite™       | White      |
| M100XWH-E24  | 100"(16:9)                  | 49.1             | 87.2            | 124.7            | 221.5           | 19.8        | 22.7        | 9.0        | 10.3       | 97.5"x5.5"x5.5"              | 1.1  | MaxWhite™       | White      |
| M106UWH      | 106"(16:9)                  | 52.0             | 92.4            | 132.1            | 234.7           | 20.7        | 24.9        | 9.4        | 11.3       | 102.8"x5.5"x5.5"             | 1.1  | MaxWhite™       | Black      |
| M106UWH-E24  | 106"(16:9)                  | 52.0             | 92.4            | 132.1            | 234.7           | 20.7        | 24.9        | 9.4        | 11.3       | 102.8"x5.5"x5.5"             | 1.1  | MaxWhite™       | Black      |
| M120UWH2     | 120"(16:9)                  | 58.8             | 104.6           | 149.4            | 265.7           | 22.9        | 27.1        | 10.4       | 12.3       | 115"x 5.5"x5.5"              | 1.1  | MaxWhite™       | Black      |
| M120XWH2     | 120"(16:9)                  | 58.8             | 104.6           | 149.4            | 265.7           | 22.9        | 27.1        | 10.4       | 12.3       | 115"x 5.5"x5.5"              | 1.1  | MaxWhite™       | White      |
| M120XWH2-E24 | 120"(16:9)                  | 58.5             | 104.0           | 148.6            | 264.2           | 22.9        | 27.1        | 10.4       | 12.3       | 115"x 5.5"x5.5"              | 1.1  | MaxWhite™       | White      |
| M135UWH2     | 135"(16:9)                  | 66.0             | 117.3           | 167.6            | 298.0           | 31.1        | 37.6        | 14.1       | 17.1       | 127.8"x5.83"x6.3"            | 1.1  | MaxWhite™       | Black      |
| M135XWH2     | 135"(16:9)                  | 66.2             | 117.7           | 168.1            | 299.0           | 31.1        | 37.6        | 14.1       | 17.1       | 127.8"x5.83"x6.3"            | 1.1  | MaxWhite™       | White      |
| M142UWH2     | 142"(16:9)                  | 69.6             | 126.8           | 176.8            | 322.1           | 32.4        | 43.8        | 14.7       | 19.9       | 138.2"x6.9"x6.3"             | 1.1  | MaxWhite™       | Black      |
| M150UWH2     | 150"(16:9)                  | 73.5             | 130.7           | 186.7            | 332.0           | 35.9        | 42.2        | 16.3       | 19.2       | 140.9"x5.83"x6.3"            | 1.1  | MaxWhite™       | Black      |
| M150XWH2     | 150"(16:9)                  | 73.5             | 130.7           | 186.7            | 332.0           | 35.9        | 42.2        | 16.3       | 19.2       | 140.9"x5.83"x6.3"            | 1.1  | MaxWhite™       | White      |
| M86UWX       | 86"(16:10)                  | 45.6             | 73.0            | 115.8            | 185.4           | 13.7        | 16.5        | 6.2        | 7.5        | 82"x4.3"x5.1"                | 1.1  | MaxWhite™       | Black      |
| M94UWX       | 94"(16:10)                  | 49.8             | 79.7            | 126.5            | 202.4           | 15.7        | 18.6        | 7.1        | 8.4        | 88.2"x4.3"x5.1"              | 1.1  | MaxWhite™       | Black      |
| M109UWX      | 109"(16:10)                 | 57.8             | 92.4            | 146.7            | 234.7           | 20.3        | 24.7        | 9.2        | 11.2       | 102.7"x5.5"x5.4"             | 1.1  | MaxWhite™       | Black      |
| M128UWX      | 128"(16:10)                 | 67.8             | 108.4           | 172.2            | 275.3           | 28.8        | 34.3        | 13.1       | 15.6       | 119.3"x5.9"x6.3"             | 1.1  | MaxWhite™       | Black      |
| M139UWX      | 139"(16:10)                 | 73.3             | 117.3           | 186.2            | 297.9           | 33.3        | 38.9        | 15.1       | 17.7       | 127.8"x5.9"x6.3"             | 1.1  | MaxWhite™       | Black      |
| M95UWC-E18   | 95"(2.35:1)                 | 37.0             | 87.0            | 94.0             | 221.0           | 17.9        | 21.9        | 8.1        | 9.9        | 97.6"x5.5"x5.5"              | 1.1  | MaxWhite™       | Black      |
| M114UWC-E18  | 114"(2.35:1)                | 44.5             | 104.6           | 113.0            | 265.7           | 21.7        | 25.4        | 9.8        | 11.5       | 114"x5.5"x5.5"               | 1.1  | MaxWhite™       | Black      |
| M128UWC-E20  | 128"(2.35:1)                | 49.5             | 117.3           | 125.7            | 297.9           | 29.3        | 35.9        | 13.3       | 16.3       | 127.8"x6.3"x6.3"             | 1.1  | MaxWhite™       | Black      |
| M142UWC-E19  | 142"(2.35:1)                | 55.6             | 130.7           | 141.2            | 332.0           | 35.9        | 42.3        | 16.3       | 19.2       | 141"x6.3"x6.3"               | 1.1  | MaxWhite™       | Black      |

Manual Series Dimensions Table

| Model        | Screen Diag. & Aspect Ratio | Case Length (A) | View Width (A1) | Screen Width (A2) | Weight Bar Length (A3) | Overall Height (B) | View Height (B1) | Top Black Masking (B2) | B3   | B4 | End Cap Height (B5) | End Cap Width (C) | C1 |
|--------------|-----------------------------|-----------------|-----------------|-------------------|------------------------|--------------------|------------------|------------------------|------|----|---------------------|-------------------|----|
| M71UWS1      | 71"(1:1)                    | 1432            | 1275            | 1351              | 1428                   | 1533               | 1275             | 114                    | 1451 | 62 | 82                  | 69                | 20 |
| M71XWS1      | 71"(1:1)                    | 1432            | 1275            | 1351              | 1428                   | 1533               | 1275             | 114                    | 1451 | 62 | 82                  | 69                | 20 |
| M85UWS1      | 85"(1:1)                    | 1686            | 1527            | 1603              | 1682                   | 1785               | 1527             | 114                    | 1703 | 62 | 82                  | 69                | 20 |
| M85XWS1      | 85"(1:1)                    | 1686            | 1527            | 1603              | 1682                   | 1785               | 1527             | 114                    | 1703 | 62 | 82                  | 69                | 20 |
| M99UWS1      | 99"(1:1)                    | 1938            | 1778            | 1854              | 1934                   | 2008               | 1778             | 76                     | 1916 | 62 | 92                  | 80                | 20 |
| M99NWS1      | 99"(1:1)                    | 1938            | 1778            | 1854              | 1934                   | 2008               | 1778             | 76                     | 1916 | 62 | 92                  | 80                | 20 |
| M113UWS1     | 113"(1:1)                   | 2192            | 2030            | 2106              | 2188                   | 2298               | 2030             | 114                    | 2206 | 62 | 92                  | 80                | 20 |
| M113NWS1     | 113"(1:1)                   | 2192            | 2030            | 2106              | 2188                   | 2298               | 2030             | 114                    | 2206 | 62 | 92                  | 80                | 20 |
| M119UWS1     | 119"(1:1)                   | 2294            | 2137            | 2213              | 2290                   | 2392               | 2137             | 101                    | 2300 | 62 | 92                  | 80                | 20 |
| M119XWS1     | 119"(1:1)                   | 2294            | 2137            | 2213              | 2290                   | 2392               | 2137             | 101                    | 2300 | 62 | 92                  | 80                | 20 |
| M136XWS1     | 136"(1:1)                   | 2598            | 2443            | 2519              | 2594                   | 2711               | 2443             | 114                    | 2619 | 62 | 92                  | 80                | 20 |
| M136UWS1     | 136"(1:1)                   | 2598            | 2443            | 2519              | 2594                   | 2711               | 2443             | 114                    | 2619 | 62 | 92                  | 80                | 20 |
| M170XWS1     | 170"(1:1)                   | 3212            | 3053            | 3129              | 3208                   | 3334               | 3053             | 114                    | 3229 | 62 | 105                 | 88                | 20 |
| M80NWX       | 80"(4:3)                    | 1786            | 1626            | 1702              | 1782                   | 1467               | 1219             | 114                    | 1385 | 52 | 82                  | 69                | 20 |
| M84NWX       | 84"(4:3)                    | 1867            | 1707            | 1783              | 1863                   | 1490               | 1280             | 76                     | 1408 | 52 | 82                  | 69                | 20 |
| M100NWX1     | 100"(4:3)                   | 2166            | 2032            | 2088              | 2162                   | 1782               | 1524             | 114                    | 1700 | 62 | 82                  | 69                | 20 |
| M100UWX1     | 100"(4:3)                   | 2166            | 2032            | 2088              | 2162                   | 1782               | 1524             | 114                    | 1700 | 62 | 82                  | 69                | 20 |
| M120XWX2     | 120"(4:3)                   | 2598            | 2438            | 2514              | 2594                   | 2097               | 1829             | 114                    | 2005 | 62 | 92                  | 80                | 20 |
| M120UWX2     | 120"(4:3)                   | 2598            | 2438            | 2514              | 2594                   | 2097               | 1829             | 114                    | 2005 | 62 | 92                  | 80                | 20 |
| M135XWX2     | 135"(4:3)                   | 2907            | 2743            | 2819              | 2903                   | 2338               | 2057             | 114                    | 2233 | 62 | 105                 | 88                | 20 |
| M135UWX2     | 135"(4:3)                   | 2907            | 2743            | 2819              | 2903                   | 2338               | 2057             | 114                    | 2233 | 62 | 105                 | 88                | 20 |
| M150XWX2     | 150"(4:3)                   | 3212            | 3048            | 3124              | 3208                   | 2567               | 2286             | 114                    | 2462 | 62 | 105                 | 88                | 20 |
| M150UWX2     | 150"(4:3)                   | 3212            | 3048            | 3124              | 3208                   | 2567               | 2286             | 114                    | 2462 | 62 | 105                 | 88                | 20 |
| M80UWH       | 80"(16:9)                   | 1931            | 1771            | 1847              | 1927                   | 1254               | 996              | 114                    | 1172 | 62 | 82                  | 69                | 20 |
| M84UWH       | 84"(16:9)                   | 2014            | 1860            | 1936              | 2010                   | 1304               | 1046             | 114                    | 1222 | 62 | 82                  | 69                | 20 |
| M84UWH-E30   | 84"(16:9)                   | 2014            | 1860            | 1936              | 2010                   | 1952               | 1046             | 762                    | 1870 | 62 | 82                  | 69                | 20 |
| M84XWH-E30   | 84"(16:9)                   | 2014            | 1860            | 1936              | 2010                   | 1952               | 1046             | 762                    | 1870 | 62 | 82                  | 69                | 20 |
| M92UWH       | 92"(16:9)                   | 2166            | 2037            | 2093              | 2162                   | 1404               | 1146             | 114                    | 1322 | 62 | 82                  | 69                | 20 |
| M100UWH      | 100"(16:9)                  | 2374            | 2214            | 2290              | 2370                   | 1513               | 1245             | 114                    | 1421 | 62 | 92                  | 80                | 20 |
| M100XWH      | 100"(16:9)                  | 2374            | 2214            | 2290              | 2370                   | 1513               | 1245             | 114                    | 1421 | 62 | 92                  | 80                | 20 |
| M100XWH-E24  | 100"(16:9)                  | 2374            | 2214            | 2290              | 2370                   | 2009               | 1245             | 610                    | 1917 | 62 | 92                  | 80                | 20 |
| M106UWH      | 106"(16:9)                  | 2506            | 2347            | 2423              | 2502                   | 1588               | 1320             | 114                    | 1496 | 62 | 92                  | 80                | 20 |
| M106UWH-E24  | 106"(16:9)                  | 2506            | 2347            | 2423              | 2502                   | 2084               | 1320             | 610                    | 1992 | 62 | 92                  | 80                | 20 |
| M120XWH2     | 120"(16:9)                  | 2816            | 2657            | 2733              | 2812                   | 1762               | 1494             | 114                    | 1670 | 62 | 92                  | 80                | 20 |
| M120UWH2     | 120"(16:9)                  | 2816            | 2657            | 2733              | 2812                   | 1762               | 1494             | 114                    | 1670 | 62 | 92                  | 80                | 20 |
| M120XWH2-E24 | 120"(16:9)                  | 2816            | 2657            | 2733              | 2812                   | 2258               | 1494             | 610                    | 2166 | 62 | 92                  | 80                | 20 |
| M135XWH2     | 135"(16:9)                  | 3148            | 2989            | 3065              | 3144                   | 1962               | 1681             | 114                    | 1857 | 62 | 105                 | 88                | 20 |
| M135UWH2     | 135"(16:9)                  | 3148            | 2989            | 3065              | 3144                   | 1962               | 1681             | 114                    | 1857 | 62 | 105                 | 88                | 20 |
| M142UWH2     | 142"(16:9)                  | 3345            | 3221            | 3145              | 3300                   | 1943               | 1768             | 114                    | 2050 | 62 | 104                 | 88                | 20 |
| M150XWH2     | 150"(16:9)                  | 3484            | 3321            | 3397              | 3480                   | 2149               | 1868             | 114                    | 2044 | 62 | 105                 | 88                | 20 |
| M150UWH2     | 150"(16:9)                  | 3484            | 3321            | 3397              | 3480                   | 2149               | 1868             | 114                    | 2044 | 62 | 105                 | 88                | 20 |
| M86UWX       | 86"(16:10)                  | 2014            | 1852            | 1928              | 2010                   | 1416               | 1158             | 114                    | 1334 | 62 | 82                  | 69                | 20 |
| M94UWX       | 94"(16:10)                  | 2166            | 2025            | 2101              | 2162                   | 1523               | 1265             | 114                    | 1441 | 62 | 82                  | 69                | 20 |
| M109UWX      | 109"(16:10)                 | 2506            | 2348            | 2424              | 2502                   | 1735               | 1467             | 101                    | 1630 | 62 | 92                  | 80                | 20 |
| M128UWX      | 128"(16:10)                 | 2917            | 2757            | 2833              | 2913                   | 1991               | 1723             | 114                    | 1899 | 62 | 92                  | 80                | 20 |
| M139UWX      | 139"(16:10)                 | 3148            | 2994            | 3070              | 3144                   | 2139               | 1871             | 114                    | 2047 | 62 | 92                  | 80                | 20 |
| M95UWC-E18   | 95"(2.35:1)                 | 2374            | 2214            | 2290              | 2370                   | 1556               | 945              | 457                    | 1464 | 62 | 92                  | 80                | 20 |
| M114UWC-E18  | 114"(2.35:1)                | 2816            | 2657            | 2733              | 2812                   | 1745               | 1134             | 457                    | 1653 | 62 | 92                  | 80                | 20 |
| M128UWC-E20  | 128"(2.35:1)                | 3148            | 2989            | 3065              | 3144                   | 1948               | 1273             | 508                    | 1843 | 62 | 105                 | 88                | 20 |
| M142UWC-E19  | 142"(2.35:1)                | 3484            | 3321            | 3397              | 3480                   | 2062               | 1412             | 483                    | 1957 | 62 | 105                 | 88                | 20 |

Unit: mm



**Note: Data Error ±1".** The listed measurements are for general reference only. Please contact Elite Screens to verify product design and dimensions before attempting to integrate its products with any structural or furniture modification. Although a manufacturer may offer product advice, it may be taken or disregarded at the integrator's discretion. Elite Screens will not be held responsible or be otherwise liable for faulty installations.

