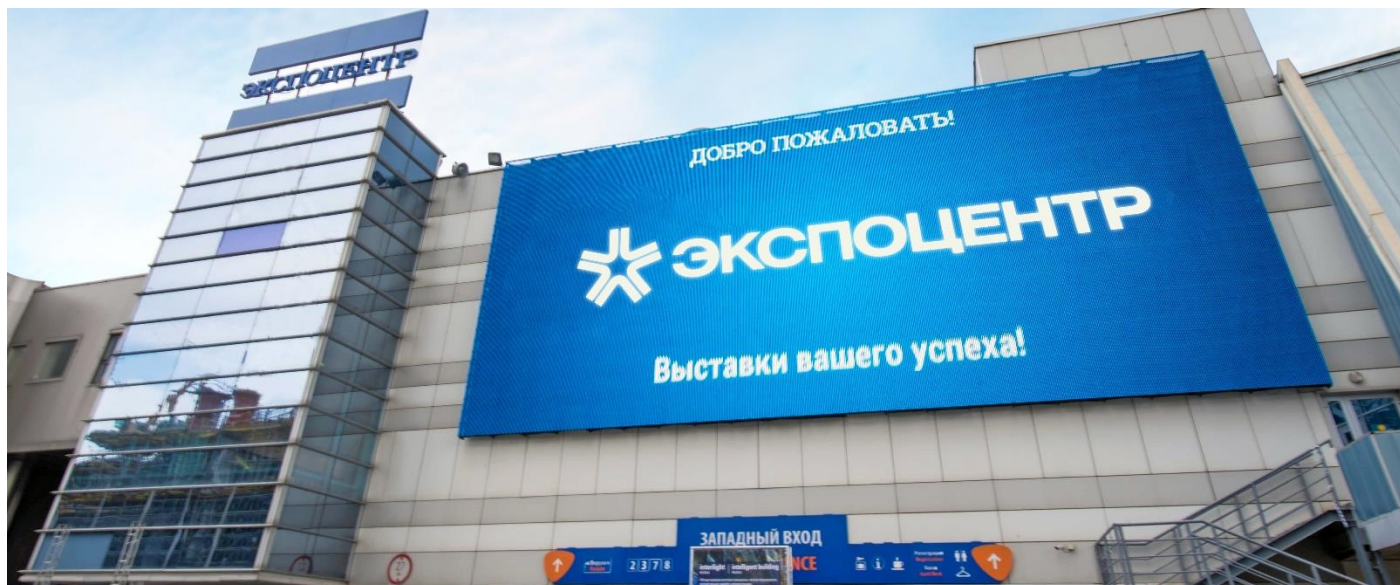


## SPECIFICATIONS of video files for placement and broadcasting on LED screens at Expocentre Fairgrounds



### 1. West Media Facade, Pavilion No.7 (20m x 8m)

| Video specifications  | Daytime<br>from 8.00 till 18.00<br>with dynamic effects | Nighttime<br>from 18.00 till 8.00<br>without dynamic effects<br>and white background |
|---|---|--|
| Running time  | divisible by 15 sec.                                    | by 60 sec.   |
| Smooth increase in brightness at the beginning of video       | not less than 1.5 sec.                                  | not less than 5 sec.   |
| Smooth reduction in brightness up to zero at the end of video | not less than 1.5 sec.                                  | not less than 5 sec.   |
| Video file format   | MOV, AVI, MKV, WMV, MP4                                 |  |
| File resolution   | 1204 x 520* pixels (horizontal orientation)             |  |
| Frame rate  | 25-30 frames a sec.                                     |  |
| Bitrate   | 5 – 15 Mbit/sec   |  |

**ATTENTION!** - Video shall be provided by the Customer not later than **7 working** days before the placement date.

#### Recommendations

Place the necessary information (logo, brand, stand number, etc.) throughout the video

Use largest font sizes for the text

Choose contrasting colors for background and foreground

Avoid using white background in daytime video files

\* Providing the corresponding aspect ratio, file resolution can be a little different from the specified one, otherwise the image geometry will be distorted.



## 2. LED Screen, Pavilion No.7 Hall 7 (4m x 2m)

|                             |   |
|-----------------------------|---|
| <b>Video specifications</b> | <b>Daytime</b><br>from 8.00 till 18.00<br><b>with dynamic effects</b> |
| Running time                | divisible by 15 sec.  |
| Video file format           | MOV, AVI, MKV, WMV, MP4<br>(see specifications in the attach.)        |
| File resolution             | 1024 x 512* pixels (horizontal orientation)                           |
| Aspect ratio                | 2:1   |
| Frame rate                  | 25 or 30 frames a sec.  |
| Bitrate                     | 5 – 15 Mbit/sec   |

**ATTENTION!** - Video shall be provided by the Customer not later than **7 working** days before the placement date.

### Recommendations

Place the necessary information (logo, brand, stand number, etc.) throughout the video

Use largest font sizes for the text

Choose contrasting colors for background and foreground

If possible, avoid using white backgrounds

\* Providing the corresponding aspect ratio, file resolution can be a little different from the specified one, otherwise the image geometry will be distorted.



### 3. LED Screen, Pavilion No.2 Hall 1 (7,7m x 4,6m)

| Video specifications | Daytime<br>from 8.00 till 18.00<br>with dynamic effects        |
|----------------------|--|
| Running time         | divisible by 15 sec.   |
| Video file format    | MOV, AVI, MKV, WMV, MP4<br>(see specifications in the attach.) |
| File resolution      | 1024x576* pixels (horizontal orientation)                      |
| Aspect ratio         | 16:9   |
| Frame rate           | 25 or 30 frames a sec.   |
| Bitrate              | 5 – 15 Mbit/sec  |

**ATTENTION!** - Video shall be provided by the Customer not later than **7 working days** before the placement date.

#### Recommendations

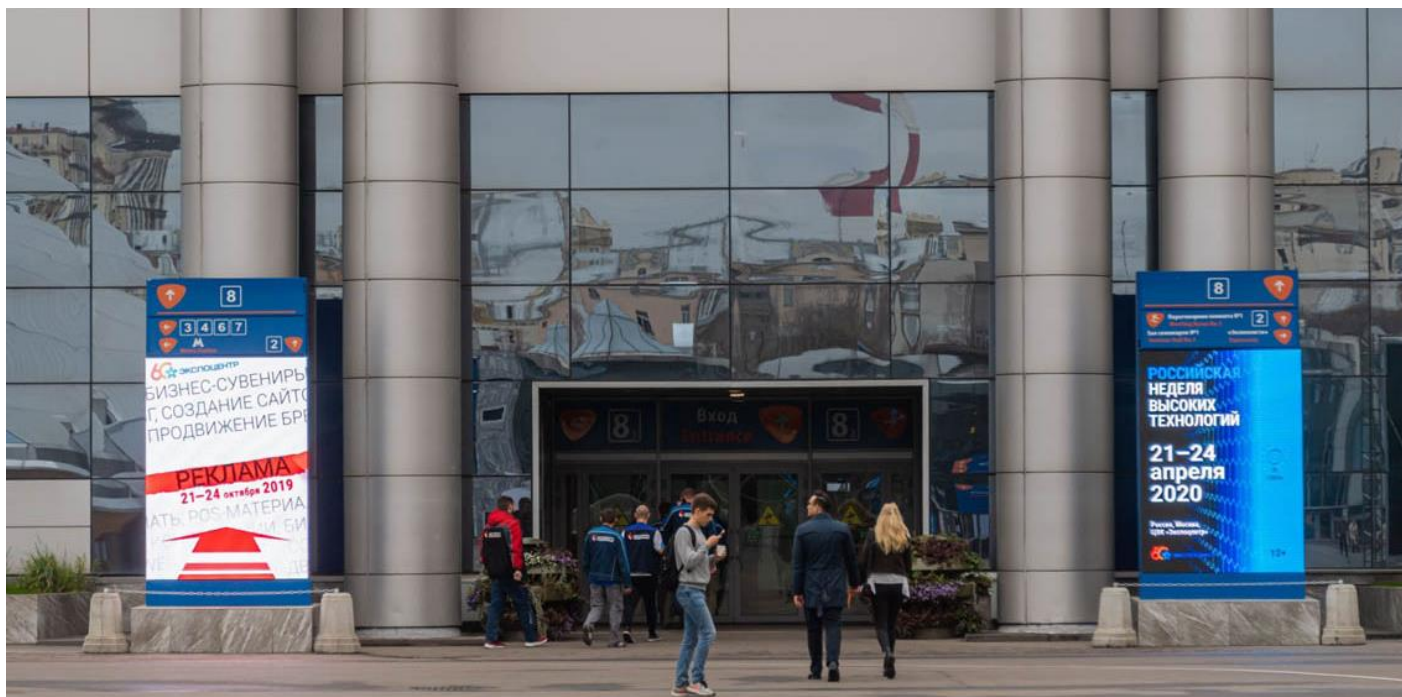
Place the necessary information (logo, brand, stand number, etc.) throughout the video

Use largest font sizes for the text

Choose contrasting colors for background and foreground

If possible, avoid using white backgrounds

\* Providing the corresponding aspect ratio, file resolution can be a little different from the specified one, otherwise the image geometry will be distorted.



#### 4. LED Pylons, Pavilion No.8 (1.92m x 2.64m, 2 pc)

| Video specifications | Daytime<br>from 8.00 till 18.00<br>with dynamic effects        |
|----------------------|--|
| Running time         | divisible by 15 sec.   |
| File format          | MOV, AVI, MKV, WMV, MP4<br>(see specifications in the attach.) |
| File resolution      | 320 x 440* pixels (vertical orientation)                       |
| Aspect ratio         | 8:11   |
| Frame rate           | 25 or 30 frames a sec.   |
| Bitrate              | 5 – 15 Mbit/sec  |

**ATTENTION!** - Video shall be provided by the Customer not later than **7 working** days before the placement date.

#### Recommendations

Place the necessary information (logo, brand, stand number, etc.) throughout the video

Use largest font sizes for the text

Choose contrasting colors for background and foreground

If possible, avoid using white backgrounds

\* Providing the corresponding aspect ratio, file resolution can be a little different from the specified one, otherwise the image geometry will be distorted.

## SPECIFICATIONS OF VIDEO DECODERS

| Type              | Codec          | Supported Image Size  | Maximum Frame Rate   | Maximum Bit Rate (Ideal Case)  | File Format                            | Remarks   |
|-------------------|----------------|---|--|--|--|---|
| MPEG-1/2          | MPEG-1/2       | 48x48<br>pixels~1920x108<br>8 pixels  | 30fps  | 80Mbps   | DAT, MPG,<br>VOB, TS                   | Support<br>Field Coding                                   |
| MPEG-4            | MPEG-4         | 48x48<br>pixels~1920x108<br>8 pixels  | 30fps  | 38.4Mbps   | AVI, MKV,<br>MP4, MOV,<br>3GP          | Not support<br>MS MPEG4<br>v1/v2/v3<br>Not support<br>GMC |
| H.264/AVC         | H.264          | T1&T2&TB1&TB<br>2&T1-4G&T2-4G<br>&TB1-4G&TB2-4<br>G:48x48<br>pixels~1920x108<br>8 pixels<br>Other models:<br>48x48<br>pixels~4096x230<br>4 pixels | T1&T2&TB1&<br>TB2&T1-4G&<br>T2-4G&TB1-4<br>G&TB2-4G:<br>1080P@60fps<br>Other models:<br>4K@25fps,<br>1080P@60fps | T1&T2&TB1&<br>TB2&T1-4G&<br>T2-4G&TB1-4<br>G&TB2-4G:<br>57.2Mbps<br>Other models:<br>100Mbps | AVI, MKV,<br>MP4, MOV,<br>3GP, TS, FLV | Support<br>Field Coding<br>Support                        |
| MVC               | H.264<br>MVC   | 48x48<br>pixels~1920x108<br>8 pixels  | 60fps  | 38.4Mbps   | MKV, TS                                | Support<br>Stereo High<br>Profile only                    |
| H.265/<br>HEVC    | H.265/<br>HEVC | T1&T2&TB1&TB<br>2&T1-4G&T2-4G<br>&TB1-4G&TB2-4<br>G:64x64<br>pixels~1920x108<br>8 pixels<br>Other models:<br>64x64<br>pixels~4096x230<br>4 pixels | T1&T2&TB1&<br>TB2&T1-4G&<br>T2-4G&TB1-4<br>G&TB2-4G:<br>1080P@60fps<br>Other models:<br>4K@60fps,<br>1080P@60fps | T1&T2&TB1&<br>TB2&T1-4G&<br>T2-4G&TB1-4<br>G&TB2-4G:<br>57.2Mbps<br>Other models:<br>100Mbps | MKV, MP4,<br>MOV, TS                   | Support<br>Main Profile<br>SuDDort Tile<br>& Slice        |
| GOO<br>GLE<br>VP8 | VP8            | 48x48<br>pixels~1920x108<br>8 pixels  | 30fps  | 38.4 Mbps  | WEBM, MKV                              | N/A   |
| H.263             | H.263          | SQCIF(128x96),<br>QCIF(176x144),<br>CIF(352x288),<br>4CIF(704x576)  | 30fps  | 38.4Mbps   | 3GP, MOV,<br>MP4                       | Not support<br>H.263+                                     |
| VC-1              | VC-1           | 48x48<br>pixels~1920x108  | 30fps  | 45Mbps   | WMV, ASF, TS,<br>MKV, AVI              | N/A   |