



# COWBOYS STADIUM

## Center-Hung Video Board Fact Sheet

- Produced by Mitsubishi Electric Diamond Vision™, each of the four sides of the center-hung LED display is the world's largest: 72' high by 160' wide equaling 11,520 square feet per side or 23,040 square feet of sideline displays. It would take 4,920 52" flat panel TVs to equal the size.
- Each side consists of the first true 1080 HD display in an NFL stadium- 1080 true pixels in height at 20mm spacing and capable of displaying HDTV at 1920 x 1080 [16:9] resolution.
- Each display contains over 10.5 million Light Emitting Diodes' (LED's) using Mitsubishi's 10mm quad pixel pattern technology. The LED's are contained within 5,168 individual lighting units or panels per side or 10,336 total. The video board uses 30 million light bulbs.
- The video board weighs 1.2 million pounds and the video screens span 25,670 square feet. The overall weight of the video board structure is more than 3.5 percent of the total roof weight.
- To hold the video board in place, a 72-foot tall steel structure was created that contains a 10-level network of catwalks. Three-inch diameter steel cables grip each end of the video board and are tethered to the stadium's large steel box truss arches. The center-hung structure is also designed to support a 90,000 pound basketball arena style scoreboard hung from below when needed for other events.
- The only access to the video board is via one of two motorized platforms. The motorized platforms stop at Levels 1 through 9. Level 10 is the top of the scoreboard and holds the backlit Cowboys star. These platforms move at a rate of 30 feet per minute. They are operated from the field when there is nobody in the board. They are also operable from within the cages themselves when getting down from the board.
- Mitsubishi Diamond Vision™ also supplied four, 280 square-foot screens on the lower concourse; an upper level fascia (ribbon) display measuring four feet high by nearly 2,000 linear feet; and two Dallas Cowboys Ring of Honor displays totaling more than 2,900 square feet. In addition, Mitsubishi provided a fully integrated scoring system, content management and playback system, game timers, delay of game clocks, locker room clocks and ticket window displays.