

Set a Guinness Record! aegis' AV over IP Perfectly Display 156 Teams Simultaneously Kick-Offs.



Overview :

Taipei Tianmu Baseball Stadium was began constructed in 1997 and put in use in 1999. It is a baseball stadium that hold the 34th and 37th Baseball World Cup. It has 10,000 seats, large screens and electronic signage etc and has begun to renovated this year. With NTD 45 million budget, it has been renovated its VIP room, player lounge, retraining room, etc., and installed circular-shape LED display. aegis' AV over IP 1G solution has been adopted and deployed in its AV and monitoring systems . The 1st home opening game was held on March 26th, 2021 and total 156 groups (=312 people) successfully broke the Guinness World Record for the most simultaneous kick-offs !

Demands



The management of Tianmu Baseball Stadium had following requirements for the new AV system:

- Able to control display contents that either deliver the same contents to all TVs or/and different contents to different TVs
- Stability of display live games
- Easy to change contents for certain location's TVs such as VIP rooms and food courts.
- Long distance transmission
- Can turn on/off all TVs from control room
- Compatible with its designated network switch
- Flexibility for future system expansion

Solution

aegis' AV over IP solutions includes 2 series : 4K resolution in 10G system (4KPROIP series) and 1080P resolution in 1G system (AVP series). In Tianmu Baseball Stadium case, it deployed aegis' AVP series solution that offers matrix switch, video wall functions and CEC / RS232 controlling etc.

It employs total 40 decoders for 40 TVs located at different floors, rooms in the stadium, and use 1 encoder for a main computer at control room. All sources and TVs are connected to encoder and decoders via HDMI cables. And all encoder, decoders and the 1G network switches are set in the same domain. The stadium system control personnel can simply operate and control display contents and distribute to TVs from the control room. The installation and set up was completed in one day!
 On March 26th 2021, the new stadium had a successful opening game with hot topic of breaking Guinness World Record for the most people throwing a ceremonial first pitch simultaneously !

FEATURES

- Stream HDMI/RS232/IR/USB/ HID signal over IP networks.
- Decoder offers auto scaler with output resolutions supported from 480p@60Hz to 1920 x 1080@60Hz scaling based on the EDID of display.
- Support video wall up to the dimensions of 16 x 16.
- Support matrix switch, Video Wall and Multiview layouts
- Available API interface for third party control system integration, offering control through IP control box (AVP-CBS2-101), PC configurator (HDMIoverIPConsole) and AGS-i Touch on iPad
- Support USB (keyboard/mouse only) pass-through from decoder to encoder.

