



Quad View Monitoring of Factory Assembly Process

ATEN multi-view KVM solutions allow monitoring of factory assembly line



Overview: Factory, UAE

A leading manufacturer of mobile tablets and smartphones has a 24/7 factory assembly line which needs to be constantly monitored.

The video feeds from the surveillance cameras in the assembly line need to be monitored in the **control room** as well as in the **security room** on a single screen with **Multi-View access**.

Challenges

- Wants to have multi-view monitoring both at the local workstation in the control room and at the guard security room
- Requires **OSD navigation using keyboard and mouse**
- System needs to achieve **flexible display modes** at **high resolution**
- Proposed solution should be compatible with DVR/NVR devices

Solution

CS17916

16-Port USB HDMI KVM Switch

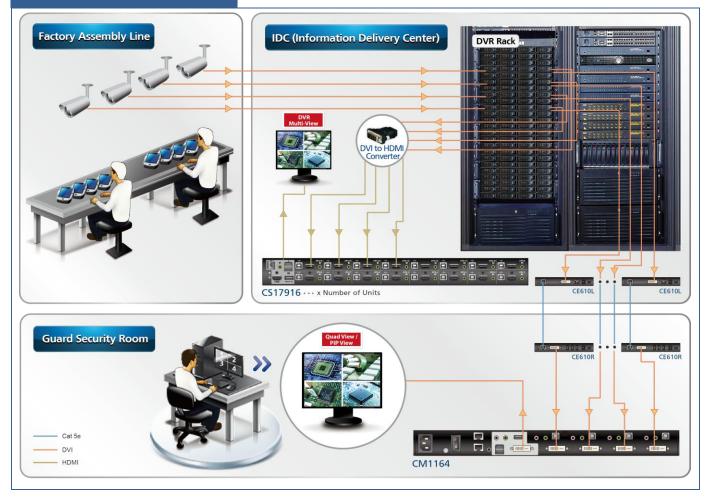
CM1164

Multi-View DVI-D KVMP™ Switch





Solution Architecture



Features & Benefits

- ATEN CM1164 supports flexible display modes i.e. **Quad View, Triple View Dual View etc. @ 1920** x 1200
- ATEN CM1164 supports a dedicated hardware cursor for easy OSD navigation via console mouse
- ATEN CS17916 can allow **easy expansion** for future use by cascading up to two levels-thereby controlling up to 256 computers
- ATEN KVM solution is compatible with a host of **NVR and DVR devices**

"Our factory assembly line is a 24/7 environment with constant monitoring needed due to the nature of the products we manufacture. Since we were low on personnel we hoped to achieve surveillance from different locations in a security room with a two security guards working in shifts. ATEN's multi view KVM solutions were an ideal match for our requirement as it enabled us to seamlessly monitor camera feeds on a single screen along with K/B mouse control" Customer Feedback



