European and American Television Cameras

<table>
<thead>
<tr>
<th>Make</th>
<th>EMI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>2004</td>
</tr>
<tr>
<td>Country</td>
<td>UK</td>
</tr>
<tr>
<td>Camera Type</td>
<td>Studio, Monochrome</td>
</tr>
<tr>
<td>Camera Description</td>
<td>Small body budget studio camera. Matches EMI 2001 style</td>
</tr>
</tbody>
</table>

**Data**
- Tube details: 30mm Plumbicon or 25mm Vidicon (1)
- Len details: Zoom Lens special flange mount (2)
- Sig. to Noise: 45dB with 5.5Mhz filter
- Sensitivity: As per tube spec.
- Resolution: 800 lines at limit for vidicon
- Viewfinder: 7” Tilts & removable. 700nits. 15Kv.
- Camera cable: BICC Mk4 to 1000ft.
- Power supply: 90 to 140 or 205 to 255 volts at 50/60hz. 175VA

**Data**
- Line standards: 625/50 525/60
- Colour standards: Monochrome
- Drives or locking: Drive pulses at 2or 4v.
- Weight: 17Kg. Camera
- Dimensions: 343h x 222w x 484d mm
- Colours: Dark gray and cream
- Date designed: c. 1970 (advert)
- Used by: Broadcast & education

**Associated equipment:**
The modular 5U high camera control unit, 2114, is similarly styled to the 2001 CCU. The control unit contains the power supply. There is a remote control panel type 2115 which can be operated up to 500ft from the CCU.

**Notes:**
1. The vidicon version was a 2004/1
2. The camera is available in Zoom or with a turret of 4 lenses with “B” mount.

**References:**
Handbook. Early brochure

**Survivors in preservation:**
My camera is ex. ILEA studios in Laycock road & the William Ellis school, two others are thought to remain.

The EMI 2004 was used by Edinburgh University AV services. They had 3 in the studio in the basement of the "Appleton Tower", circa 1971 to 1976. Also "Swindon Viewpoint" had at least 2 in a small presentation studio in an original cable TV experiment.