European and American Television Cameras

<table>
<thead>
<tr>
<th>Make</th>
<th>EMI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>2001</td>
</tr>
<tr>
<td>Country</td>
<td>UK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Camera Type :</th>
<th>Studio Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camera Description :</td>
<td>Large full featured 4 tube colour camera with lens set back in to camera</td>
</tr>
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<table>
<thead>
<tr>
<th>Data</th>
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<tbody>
<tr>
<td>Tube details</td>
<td>Line standards</td>
</tr>
<tr>
<td>4 Plumbicons, 30mm</td>
<td>625/50 525/60</td>
</tr>
<tr>
<td>Lens details</td>
<td>Colour standards</td>
</tr>
<tr>
<td>Angenieux Zoom Special Internal</td>
<td>Uses external colour coder</td>
</tr>
<tr>
<td>Sig. to Noise</td>
<td>Drives or locking</td>
</tr>
<tr>
<td>&lt;42dB</td>
<td>4 mono pulses for camera.</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>Weight</td>
</tr>
<tr>
<td>150fc f4</td>
<td>160lbs</td>
</tr>
<tr>
<td>Resolution</td>
<td>Colours</td>
</tr>
<tr>
<td>100% at 5Mhz</td>
<td>Dark Grey/Cream</td>
</tr>
<tr>
<td>Viewfinder</td>
<td>Dimensions</td>
</tr>
<tr>
<td>7&quot; tilts and elevates</td>
<td>381H x 381W x 736L mm.</td>
</tr>
<tr>
<td>Camera cable</td>
<td>Date introduced</td>
</tr>
<tr>
<td>BICC G101 to 2000ft. maximum</td>
<td>1967,</td>
</tr>
<tr>
<td>Power supply</td>
<td></td>
</tr>
<tr>
<td>500VA</td>
<td></td>
</tr>
</tbody>
</table>

Excluding Lens & Viewfinder

Associated equipment
CCU 2104, PSU 2201, OCP 2105, Colour balance panel 2102, Coder, Vertical aperture corrector 2113. The Auto centring unit was offered later. A choice of 6 lens zoom packages were offered by Angenieux and Rank Taylor Hobson with different focal lengths. Numbers 2011 to 2017. Additionally range extenders could be used on some of the lens packages.

General description
The interchangeable lens was set back in to camera body giving a short camera length with the lens front being close to the centre of panning. It had a tilting adjustable viewfinder, a built in shot box and focus control, the lens was fully servoed and it was much liked by Cameramen.

References
The EMI Four Tube Colour Camera by I P James & others, The Radio and Electronics Engineer Volume 39 No.5 pages 249 to 270. May 1970

Innovations
The four Plumbicons tubes were arranged in a X cross behind the lens in the middle of the camera. The later 2001/1, used separate mesh tubes with a FET head amplifier and had printed circuit precision tube yokes.

Notes
The first development of what became the EMI 2001 started in 1964

Used By
BBC, ITV companies, World exports, and that 350 were eventually sold.