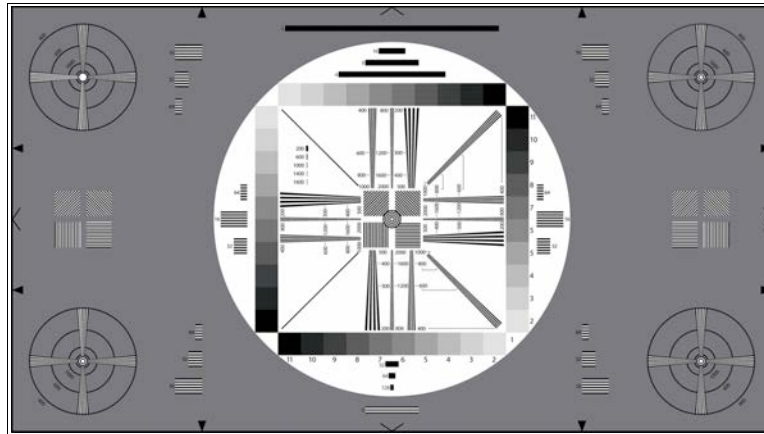




ITE HIGH RESOLUTION CHART 16:9

TRANSPARENT



The TE128 is designed for measuring and quick (most visual) appraisal of transmission characteristics of high resolution non-broadcast cameras.

It consists of a gray background, a white circle, gray scales, multibursts, resolution wedges with different frequencies (vertical and horizontal) and circular rings.

The density of the four gray scales increases from $D = 0.0$ up to $D = 1.5$ (contrast = 40:1) in gradations of $D = 0.15$:

	1	2	3	4	5	6	7	8	9	10	11	Background
Density	0.03	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	0.56
Remission [%]	0.93	0.71	0.50	0.35	0.25	0.18	0.13	0.09	0.06	0.04	0.03	0.28

A rough appraisal of half-tone reproduction is possible with the aid of the gray scale, exact statements are, however, not possible due to the white surrounding area.

The surrounding gray area has a density of $D \approx 0.56$.

The circular figures allow an appraisal of the geometry.

The line patterns indicate the resolution in lph (lines per picture height). To read the resolution in "cycles" simply halve these values.

- There are 12 fields with multi burst 400 lph being horizontal, vertical and inclined in angles to 45° and 135° to the horizontal line.
- Resolution can be determined visually by the resolution wedges in 0° , 45° and 90° (up to 1000 lph).
- The horizontal bars at different locations on the chart impart information on the transmission characteristics in medium frequency range (streaking).