

# C-scope Technical Specs.

**Sensor Resolution:** 1280(H) x 800(V)

**Interface:** USB2.0 cable 3m (6ft), USB Video Class (UVC) compliant

**Dimensions:** 88mm x 50mm Dia

**Lens: 16mm**

FOV Table Windows 1280(H) x 720(V). Angle of View 14°H 8°V 16°D

Extensions	Working Distance mm (inch)	Field Dimension H x V mm (inch)
0	66 (2.6)	14.7 x 8.2 (0.58 x 0.32)
1	15.6 (0.6)	3.1 x 1.7 (0.12 x 0.07)
2	12 (0.47)	2.3 x 1.3 (0.09 x 0.05)

FOV Table Tormach pathpilot 1024(H) x 768(V). Angle of View 11°H 8°V 13°D

Extensions	Working Distance mm (inch)	Field Dimension H x V mm (inch)
0	66 (2.6)	11.6 x 8.7 (0.46 x 0.34)
1	15.6 (0.6)	2.3 x 1.8 (0.09 x 0.07)
2	12 (0.47)	1.7 x 1.4 (0.07 x 0.06)

Minimum Spindle distance. mm (inch) (distance from spindle to object being measured)

Extensions	3/4" shank Model	10mm shank Model
0	129 (5.1)	123 (4.9)
1	94 (3.7)	88 (3.5)
2	97 (3.8)	91 (3.6)

## Notes:

Extensions: Number of extension rings added to lens.

Working Distance is distance between lens and object being measured.

Field Dimension is dimensions of viewing area Horizontal x Vertical.

Minimum Spindle distance: distance from spindle to object being measured. (assumes 28mm long shaft is fully inserted into spindle.)