R&D OVERVIEW

Automatic Scoring with Cell Phone Camera

Scoring targets typically takes over 1/2 the time spent on marksmanship testing. JMAP Automatic scoring uses Artificial Neural Networks (ANN) to identify and then automatically take a properly framed picture of the target. It then finds bullet holes and places them correctly in the scoring rings and returns this information to the scoring software. . Automatic scoring uses standard phone and tablet cameras and runs at a comfortably interactive speed..

HIGHLIGHTS

- Speeds up scoring
- Hand operated, no permanent installation
- Can be more accurate and less biased than human scoring, We generally find an 5 to 8% difference, with the ANN usually being right (it doesn't get tired)
- Uses standard phone/tablet camera
- Fast
- Supports B8, USMC Threat, FBI QIT-20, FBI Q, and USMC CPP targets
- Adding new targets is easy and takes about 100 training photos
- Permits human editing/correction
- Takes between .1 and 1 second depending on the speed of the tablet/phone
- Automatically frames and takes the perfect picture of the target.
- Will only take picture of a target - no unauthorized photos.
- Uses ANN trained on tens of thousands of bullet holes and hundreds of targets.

5.56 on USMC Threat Target

Actual FBI qual target with 50 shots of 9mm

Want a tech demo?
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